THE JOURNAL OF BONE AND JOINT SURGERY

Quinquennial Index

1983 – 1987

Volumes 65 – 69

THE JOURNAL OF BONE AND JOINT SURGERY

Quinquennial Index

1983 – 1987

Volumes 65 – 69

OFFICIAL PUBLICATION OF THE

British Orthopaedic Association
Australian Orthopaedic Association
Canadian Orthopaedic Association
New Zealand Orthopaedic Association
South African Orthopaedic Association
British Orthopaedic Research Society
American Orthopaedic Association
American Academy of Orthopaedic Surgeons
Western Orthopaedic Association
Eastern Orthopaedic Association
Mid-American Orthopaedic Association
Canadian Orthopaedic Research Society
Pediatric Orthopaedic Society of North America

The Journal of Bone and Joint Surgery, Incorporated
10 Shattuck Street, Boston Massachusetts 02115-6093, U.S.A.

Published in the United Kingdom by
The British Editorial Society of Bone and Joint Surgery
35–43 Lincoln's Inn Fields London WC2A 3PN, England

PREFACE

This Index lists the subjects and authors of 70 issues of the Journal of Bone and Joint Surgery. It aims to provide the reader with accurate reference to the contents of the British and American volumes over the past five years. The staff of the London Office of the Journal have worked unstintingly to produce the material, and our indexer Dr Campbell Purton has skilfully turned it into computerised format. The proof-readers, production team and printers have done the rest. We owe them all a debt of gratitude for their labours and hope that readers, research workers and even browsers will find this Index useful.

A. GRAHAM APLEY

AUTHOR INDEX

A

Aalberg, J.R. *with* **Naver, L.** Rupture of the quadriceps tendon following dislocation of the patella: case report, **67A**, *324
Aaron, R.K. *with* **Limbird, R.S.** Laterally comminuted fracture-dislocation of the ankle, **69A**, *881
Abanco, J. *with others.* Crush injury of the carpus, **67B**, *286
Abberton, M.J. Morton's metatarsalgia: a retrospective and prospective study, **65B**, 220(*discussion*)
with **Barrington, R.L.** *and* **Silk, F.F.** Congenital dislocation of the hip: a place for early primary surgical treatment?, **66B**, (613), 792(*corrigendum*)
with Ghali, N.N. *and* **Silk, F.F.** The management of metatarsus adductus et supinatus, **66B**, *376
with others. Congenital dislocation of the hip: a place for early primary surgical treatment, **68B**, 668
Abbink, E.P. *with* **Kramer, F.J.K.** Preliminary report on the use of bovine xenografts in knee instability problems, **66B**, 282
Abbot, T.R. *with* **Dorgan J.C.** *and* **Bentley, G.** Intra-operative awakening to monitor spinal cord function during scoliosis surgery, **66B**, *716
ABC Travelling Fellows 1985 Report, **67A**, *1444
Abdon, C.P. *with* **Swanson, A.J.G.** *and* **Turner, M.S.** Meniscectomy in children, **67B**, 847
Abel, M. *with others.* Rib perichondrial grafts for the repair of full-thickness articular-cartilage defects: a morphological and biochemical study in rabbits, **67A**, *911
Abelanet, R. Virus-like filamentous intranuclear inclusions in a giant-cell tumor, not associated with Paget's disease: a case report, **68A**, 952(*correspondence*)
Abernethy, P.J. *with* **Hadden, W.A.** *and* **Haw, C.S.** Hip fractures in rheumatoid arthritis, **65B**, 518
Aboulker, J. *with others.* Leiomyomatosis metastasizing to the spine: a case report, **65A**, *1163
Abram, L.J. *with* **Thompson, G.H.** Deformity after premature closure of the distal radial physis following a torus fracture with a physeal compression injury: report of a case, **69A**, *1450
Abramson, C.L. *with others.* Dural ectasia associated with spontaneous dislocation of the upper part of the thoracic spine in neurofibromatosis: a case report and review of the literature, **69A**, *1079
Abreu, S.H. *with others.* Diagnosis of infection by preoperative scintigraphy with indium-labeled white blood cells, **69A**, *1353
Abston, S. *with others.* Skeletal suspension in the management of severe burns in children: a sixteen-year experience, **68A**, *1375
Achterman, C.A. *with others.* Acute compartment syndrome in the thigh complicating fracture of the femur: a report of three cases, **68A**, *1439
Ackerman, T. *with others.* A review of the Manitoba school screening programme for scoliosis and its influence on surgical treatment, **68B**, 855
Ackland, M.K. *with* **Bourne, W.B.** *and* **Uhthoff, H.K.** Anteversion of the acetabular cup: measurement of angle after total hip replacement, **68B**, *409
Ackroyd, C.E. *Book reviews*, **66B**, 153
Failures of arthroscopic meniscectomy, **67B**, 158(*discussion*)
Oxford unicompartmental meniscal knee arthroplasty: a preliminary report, **67B**, 848(*discussion*)
with **Shanahan, M.D.G.** Pyogenic infection of the sacro-iliac joint: a report of 11 cases, **67B**, *605
with others. A comparison of flexion and extension regimes after knee replacement, **67B**, 488
with others. Colles' fractures, one year after injury: a prospective study, **68B**, 158
Ada, P.H. *with others.* 25-OHD levels in institutionalised groups, **65B**, 92
Adair, I.V. *with others.* Injuries of the cervical spine in schoolboy rugby football, **66B**, *500
Adam, E.J. *with others.* A study of wound haematoma after hip surgery using ultrasound, **68B**, 497
Adams, J.C. *Book reviews*, **65B**, 525; **66B**, 796
Charles Macmillan, **67B**, 482(*obituary*)
Karl I. Nissen, **68B**, 345(*editorial*)
Adams, J.E. *with others.* CT scanning in total hip replacement for secondary osteoarthritis in CDH, **68B**, 669
Adams, M.A. *with* **Dolan, P.** *and* **Hutton, W.C.** The stages of disc degeneration as revealed by discograms, **68B**, *36
with **Dolan, P.** *and* **Hutton, W.C.** The short-term effects of chymopapain on intervertebral discs, **69B**, *422
with **Dunlop, R.B.** *and* **Hutton, W.C.** Disc space narrowing and the lumbar facet joints, **66B**, *706
with **Hutton, W.C.** The effect of posture on the lumbar spine, **67B**, *625
with **Hutton, W.C.** The effect of fatigue on the lumbar intervertebral disc, **65B**, *199
Adams, R.A. *with others.* Complications and mortality associated with bilateral or unilateral total knee arthroplasty, **69A**, *484
Adams. M.E. *with others.* Isolation and characterization of high-buoyant-density proteoglycans from semilunar menisci, **68A**, *55
Adar, U. *with* **Falconer, D.P.** Pseudoaneurysm secondary to a protruding screw as a result of normal growth and remodelling following supracondylar osteotomy: a case report, **66A**, *1126
Addison, A. Knuckle pads causing extensor tendon tethering, **66B**, *128
with **Fixsen, J.A.** *and* **Lloyd-Roberts, G.C.** A review of the Dillwyn Evans type collateral operation in severe club feet, **65B**, *12
Adelaar, R.S. *with others.* Dynamic musculotendinous transfer to replace the anterior cruciate ligament in the dog, **65B**, *650
Adler, M.L. *with* **Varriale, P.L.** Occult fracture of the glenoid without dislocation: a case report, **65A**, *688
Aebi, M. *with others.* Free segmental bone allografts with microsurgical revascularisation and short-term immunosuppression by cyclosporin A, **68B**, 498
Afoke, N.Y.P. *with* **Byers, P.D.** *and* **Hutton, W.C.** Hip joint incongruity and load distribution, **65B**, 91
with **Byers, P.D.** *and* **Hutton, W.C.** Contact pressures in the human hip joint, **69B**, *536
Afshar, F. *with* **Thomas, A.M.C.** The microsurgical treatment of lumbar disc protrusion: follow-up of 60 cases, **69B**, *696
Aglietti, P. *with others.* Idiopathic osteonecrosis of the knee: aetiology, prognosis and treatment, **65B**, *588
Aglietti, P.L. *with others.* The long-term results of wedge and compression fractures of the dorsolumbar spine without neurological involvement, **68B**, 334
Aguirre-Canyadell, M. *with others.* Malignant fibrous histiocytoma of bone at the site of a total hip arthroplasty, **66B**, *38
Aharonson, Z. *with others.* Stress fractures and tibial bone width: a risk factor, **69B**, *326
with others. Stress fractures in military recruits, **67B**, *732
Ahmadain, A.M. The Magnuson–Stack operation for recurrent anterior dislocation of the shoulder: a review of 38 cases, **69B**, *111
Ahn, J. *with others.* The torsional resistance of spinal fracture instrumentation, **69B**, 507
Ahnqvist, S. *with others.* Physical activity in women sustaining fracture of the neck of the femur, **69B**, *381
Aho, K. *with others.* Pneumatic tourniquet paralysis: case report, **65B**, *441
Aichroth, P.M. *Book reviews*, **67B**, 687
Peripheral repair as an alternative to meniscectomy, **68B**, 160(*discussion*)
Supracondylar osteotomy for valgus arthritic knees, **67B**,158(*discussion*)
The role of electrical stimulation in healing of tibial fractures, **66B**, 283(*discussion*)
with **Crawford, E.** *and* **Dewer, M.** The Westminster Cruciometer for measurement of anterior cruciate instability, **69B**, 159
with **Ferris, B.D.** A review of the treatment of congenital knee dislocation, **67B**, 847
with **Hutton, P.A.N.** *and* **Jones, C.B.** Lengthening of the lower limb: experiences and complications of the Wagner method, **66B**, 149
with **Jones, B.** *and* **Thomas, N.R.** Carbon fibre and Dacron composites in the prosthetic reconstruction of the anterior cruciate ligament, **68B**, 841
with **Jones, C.B.** *and* **Dewar, M.E.** Gradual distraction of the epiphysial growth plate: a human study of the forces generated and early effects on the growth plate, **67B**, 843
with **Marx, C.L.** *and* **Muirhead-Allwood, W.F.G.** Patellar release/repositioning operation for recurrent, habitual and persistent dislocation of the patella, **67B**, 155
with **Simpson, D.A.** *and* **Thomas, N.P.** Open and closed meniscectomy: a comparative analysis, **67B**, 157; **68B**, *301
with **Thomas, N.P.** *and* **Jackson, A.M.** Congenital absence of the anterior cruciate ligament: a common component of knee dysplasia, **67B**, *572; **67B**, 846(*discussion*)
with **Wilson, N.W.** *and* **Jones, C.B.** Traumatic haemarthrosis of the knee: how good is our clinical assessment?, **69B**, 160
with others. A comparative analysis of four prosthetic anterior cruciate ligaments in the rabbit, **68B**, 842
with others. Early experience with epiphyseal distraction in the management of limb length discrepancy, **69B**, 154
with others. The force required to rupture the epiphysis in children undergoing epiphyseal leg lengthening, **69B**, 496
Ain, B.R. *with* **Neviaser, T.J.** *and* **Neviaser, R.J.** Suprascapular nerve denervation secondary to attenuation by a ganglionic cyst, **68A**, *627
Ainscow, D.A.P. *with* **Denham, R.A.** The risk of haematogenous infection in total joint replacements, **66B**, *580
with others. The acute-phase response of plasma proteins as an aid to the diagnosis of infection in joint replacements, **69B**, 157
Aird, E.G.A. *with* **Sher, J.L.** A photon absorptiometric estimation of bone mineral content in the proximal femur, **65B**, 660
Aitken, G.K. *with* **Phillips, T.W.** Sulphur-colloid bone scan assessment of femoral head vascularity following subcapital fracture of the femur, **67B**, 329

* Indicates full article or appreciable part

Aitken, M.S. *with others*. Correction of post-traumatic flexion contracture of the elbow by anterior capsulotomy, **67A**, *1160
Aitken, R.J. *with* **Mills, C.** *and* **Immelman, E.J.** The incidence and significance of the post-phlebitic limb following shaft fracture of the leg, **68B**, 506
with **Mills, C.** *and* **Immelman, E.J.** The postphlebitic syndrome following shaft fractures of the leg: a significant late complication, **69B**, *775
Aitken, W. *with others*. Measurement of knee ligament laxity, **69B**, 159
Akahoshi, Y. *with others*. Calcinosis circumscripta: a case report, **68A**, * 297
Akbarnia, B.A. *with* **Lonstein, J.E.** Operative treatment of spinal deformities in patients with cerebral palsy or mental retardation: an analysis of one hundred and seven cases, **65A**, *43
with others. Arthrography in the diagnosis of fractures of the distal end of the humerus in infants, **68A**, *599
Akelman, E. *with* **Watson, H.K.** *and* **Ryu, J.** Limited triscaphoid intercarpal arthrodesis for rotatory subluxation of the scaphoid, **68A**, *345
Åkermark, C. *with others*. The coracoid transfer for recurrent dislocation of the shoulder: technical aspects of the Bristow–Latarjet procedure, **65A**, *926
Akeson, W.H. *with others*. A comparison of conventional radiography and computed tomography in the evaluation of spiral fractures of the tibia, **67A**, *1388
with others. Ankle and knee position as a factor modifying intracompartmental pressure in the human leg, **66A**, *1415
with others. Flexor tendon healing and restoration of the gliding surface: an ultrastructural study in dogs, **65A**, *70
with others. Hyperbaric oxygen reduces edema and necrosis of skeletal muscle in compartment syndromes associated with hemorrhagic hypotension, **68A**, *1218
with others. Reduction of skeletal muscle necrosis using intermittent hyperbaric oxygen in a model compartment syndrome, **65A**, *656
with others. Rib perichondrial grafts for the repair of full-thickness articular-cartilage defects: a morphological and biochemical study in rabbits, **67A**, *911
with others. The biomechanical and morphological changes in the medial collateral ligament of the rabbit after immobilization and remobilization, **69A**, *1200
Al-Saati, F. *with* **Lifeso, R.M.** The treatment of infected and uninfected non-union, **66B**, *573
with **Lifeso, R.M.** The treatment of infected and non-infected diaphysial non-unions, **66B**, 296
Aland, C. *with others*. Fracture of the pedicle of the fourth lumbar vertebra associated with contralateral spondylolysis: report of a case, **68A**, *1454
Alavi, A. *with others*. Indications for the treatment of deep venous thrombosis following total knee replacement, **66A**, *202
Albert, J.S. *with* **Lloyd-Roberts, G.C.** *and* **Jackson, A.M.** Avulsion of the distal pole of the patella in cerebral palsy: a cause of deteriorating gait, **67B**, *252; **67B**, 846(*discussion*)
with others. A long-term study of the Chiari pelvic osteotomy for congenital dislocation of the hip and acetabular dysplasia, **69B**, 156
with others. The Chiari pelvic osteotomy: a review of the long-term results, **69B**, *551
Albisinni, U. *with others*. Aneurysmal bone cyst of the spine, **67A**, *527
Albrektsson, B.E.J. *with others*. The mechanical properties of cement and loosening of the femoral component of hip replacements, **69B**, *558
Albright, J.A. *Book reviews*, **67A**, 1350
with **Covey, D.C.** Clinical significance of the erythrocyte sedimentation rate in orthopaedic surgery, **69A**, *148(*current concepts review*), 794(*correspondence*)
Alburger, P.D., Jr. *with others*. Total hip replacement induces injury to remote veins in a canine model, **65A**, *97
Alcalay, M. *with others*. Metastases of a lingual epidermoid carcinoma in a femur affected by Paget disease: report of a case, **69A**, *1440
Aldam, C.H. *with* **August, A.C.** *and* **Pynsent, P.B.** McKee–Farrar hip arthroplasty in Norwich: a long-term follow-up, **67B**, 497
with **August, A.C.** *and* **Pynsent, P.B.** The McKee–Farrar hip arthroplasty: a long-term study, **68B**, *520
Aldegheri, R. *with* **De Bastiani, G.** *and* **Brivio, L.R.** The treatment of fractures with a dynamic axial fixator, **66B**, *538
with others. Chondrodiatasis – controlled symmetrical distraction of the epiphyseal plate: limb lengthening in children, **68B**, *550
with others. Limb lengthening by distraction of the epiphyseal plate: a comparison of two techniques in the rabbit, **68B**, *545
Alderson, M. *with others*. Acute haematogenous osteomyelitis and septic arthritis—a single disease: an hypothesis based upon the presence of transphyseal blood vessels, **68B**, *268
Alexander, D. *with others*. Cauda equina syndrome and lumbar disc herniation, **68A**, *386
Alexander, D.I. *with* **McAuley, J.P.** Results of treatment for severe calcaneal fractures, **67B**, 326
Alexander, K. *with* **Noble, J.** Studies of tibial subchondral bone density and its significance, **67A**, *295
Albo, A. *with others*. Assessment of malignancy of cartilage tumors using flow cytometry: a preliminary report, **65A**, *779
with others. Grading of bone tumors by analysis of nuclear DNA content using flow cytometry, **67A**, *404
with others. Interlocking intramedullary nailing in femoral shaft fractures: a report of forty-eight cases, **67A**, *1313
Ali, M.A. *with* **Chen, S.C.** Metatarsal osteotomies: a comparison between the power saw and bone cutters, **67B**, 671
Ali, M.S. The treatment of collateral-ligament ruptures in proximal interphalangeal joints of fingers, **65B**, 224
with **Ford, D.J.** Acute carpal tunnel syndrome: complications of delayed decompression, **68B**, *758
with others. A preliminary report on the use of carbon composite plates in forearm fractures, **68B**, 161
with others. Luque segmental spinal instrumentation for scoliosis: a preliminary clinical and biomedical report, **66B**, 284
Ali, S.Y. *with others*. Distribution of alkaline phosphatase activity in experimentally produced callus in rats, **68B**, *629
with others. Experimental temporary vascular occlusion of the growing femoral head, **65B**, 657
with others. Mineral formation in the osteoid of human bone, **65B**, 92
with others. The composition of normal and osteoarthritic articular cartilage from human knee joints: with special reference to unicompartmental replacement and osteotomy of the knee, **66A**, *95
with others. Ultrastructural changes in the osteoid of patients with fibrogenesis imperfecta ossium, **67B**, 318
Alitalo, I. *with* **Peltonen, J.I.** *and* **Karaharju, E.O.** Experimental epiphysial distraction producing and correcting angular deformities, **66B**, *598
Allal, M. *with others*. Epidemiology of disorders of the foot in the child and adult amenable to surgical treatment, **66B**, 142
Allan, D.B. *with others*. The relationship of ligamentous clicks arising from the newborn hip and congenital dislocation, **67B**, 491
Allard, P. *with others*. Natural history of scoliosis in Friedreich's ataxia, **68A**, *564
with others. Natural history of scoliosis in Friedreich's ataxia, **68B**, 855
with others. Pattern of muscle weakness and its relation to loss of ambulatory function in Friedreich's ataxia, **69B**, 507
Allen, B.L., Jr. *Book reviews*, **67A**, 510
Allen, D.E. Spontaneous rupture of the deltoid, **65B**, 518(*discussion*)
Allen, J. *with* **Bailey, S.I.** Post-laminectomy instability: identification and management, **67B**, 335
with **Hunter, G.A.** Use of the Richards compression hip screw system in displaced femoral neck fractures, **66B**, 295
with others. Aetiological studies in Dupuytren's disease, **66B**, 288
Allen, M.J. *with* **Barnes, M.R.** Exercise pain in the lower leg: chronic compartment syndrome and medial tibial syndrome, **68B**, *818
with others. Intracompartmental pressure monitoring of leg injuries: an aid to management, **67B**, *53
with others. The diagnosis and management of chronic compartment syndromes of the leg, **66B**, 276
with others. Weakness of foot dorsiflexion and changes in compartment pressures after tibial osteotomy, **68B**, *471
Allen, P.R. Idiopathic avascular necrosis of the scaphoid: a report of two cases, **65B**, *333
with **Denham, R.A.** *and* **Swan, A.V.** Late degenerative changes after meniscectomy, **66B**, *666
with others. Bovine gluteraldehyde-treated tendon as a graft material: a clinical and laboratory study, **67B**, 159
Allen, P.W. *with* **McAuliffe, T.B.** *and* **Grange, W.J.** Chevron osteotomy versus Silastic ball spacer in hallux valgus, **69B**, 678
Allen, S.M. *with* **Villar, R.N.** *and* **Barnes, S.J.** Hemiarthroplasty in healthy patients: operative delay versus prognosis, **69B**, 153
Allen, W.C. *with others*. Injury to the popliteal artery as a complication of arthroscopic surgery: a report of two cases, **69A**, *783
Allerton, K.E.G. An approach providing immediate functional movement of the postoperative hip and knee, **66B**, 453 (*discussion*)
with **du Toit, G.** *and* **Deane, R.H.** Thoracolumbar flexion-distraction fractures, **68B**, 508
with **du Toit, G.** A review of the management of spinal tuberculosis at Princess Alice Orthopaedic Hospital, **66B**, 456
Allgöwer, M. *with others*. Intercondylar fractures of the humerus: an operative approach, **67A**, *226
Allison, J. *with others*. Identification and characterisation of the human calcitonin precursor, **65B**, 92
Allister, C.A. *with* **Macpherson, I.S.** *and* **Crossan, J.F.** Unstable fractures of the greater tuberosity of the humerus, **65B**, 225
Allum, R.L. *with* **Galway, H.R.** *and* **Hynes, D.M.** Video-fluoroscopy in orthopaedic surgery, **65B**, 365
with others. An electrogoniometric examination of the pivot shift sign, **65B**, 659
with **Jones, J.R.** Acute traumatic haemarthrosis of the knee, **69B**, 160
with **Jones, J.R.** The locked knee, **67B**, 488
with others. The development of an unconstrained elbow arthroplasty, **66B**, *243
Alms, M. *with* **Gates, D.J.** *and* **Cruz, M.M.** Hinged cast and roller traction for fractured femur: a system of treatment for the Third World, **67B**, *750
with others. A reappraisal of the Ring metal-on-metal total hip prosthesis: an argument for a stemmed acetabular component design, **67B**, 331
Al-Turaiki, M.H.S. *with* **Bowker, P.** *and* **Turner, P.G.** Quantitative assessment of knee joint instability, **67B**, 844

* Indicates full article or appreciable part

Alonso, J.E. *with* **Kehl, D.K.** *and* **Lovell, W.W.** Scoliosis secondary to an osteoid-osteoma of the rib: a case report, **65A**, *701
Alpert, B.S. *with others.* Free vascularized osteocutaneous transplants from the groin for delayed primary closure in the management of loss of soft-tissue and bone in the hand and wrist: report of two cases, **67A**, *958
Altchek, M. Complete subtalar release in club feet: part I — a preliminary report, **68A**, 151(*correspondence*)
Alvine, F.G. *with* **Schurrer, M.E.** Postoperative ulnar-nerve palsy: are there predisposing factors?, **69A**, *255, 952(*correspondence*)
Amamilo, S.C. *with others.* A prospective study of parachute injuries in civilians, **69B**, *17
Amiel, D. *with others.* Rib perichondrial grafts for the repair of full-thickness articular-cartilage defects: a morphological and biochemical study in rabbits, **67A**, *911
Amir, D. *with* **Mogle, P.** *and* **Weinberg, H.** Multiple epiphysial dysplasia in one family: a further review of seven generations, **67B**, *809
Amis, A.A. The effects of artificial ligament laxity and stiffness on stability and movement of the knee: an in vitro biomechanical study, **69B**, 161
with **Campbell, J.R.** *and* **Miller, J.H.** Strength of carbon and polyester fibre tendon replacements: variation after operation in rabbits, **67B**, *829
with **Campbell, J.R.** *and* **Miller, J.H.** The postoperative strength variations of carbon or polyester fibre tendon replacements, **67B**, 159
with **Dawkins, G.P.C.** A functional study of the structure of the anterior cruciate ligament, related to knee instability, injury mechanisms and prosthetic ligament reconstructions, **67B**, 844
with **Miller, J.H.** *and* **Kaye, J.C.** Vitallium replacement of the radial head in trauma, **68B**, 665
with **Seedhom, B.B.** Design factors for polyethylene prosthesis components, with particular reference to the Sheehan knee implant, **65B**, 367
with others. A comparative study of anterior cruciate ligament replacement using either carbon or polyester fibres, **68B**, 841
with others. Bovine gluteraldehyde-treated tendon as a graft material: a clinical and laboratory study, **67B**, 159
with others. Comparison of the structure of neotendons induced by implantation of carbon or polyester fibres, **66B**, *131
with others. Long-term effects of excision of the radial head in rheumatoid arthritis, **66B**, *109
with others. The correlation of a functional study of the rheumatoid elbow with the x-ray patterns of disease and its application to elbow arthroplasty, **67B**, 154
Amis, J. *with* **Herring, J.A.** Iatrogenic kyphosis: a complication of Harrington instrumentation in Marfan's syndrome: a case report, **66A**, *460
Amstutz, H.C. Conventional versus resurfacing total hip arthroplasty: a long-term prospective study of concomitant bilateral implantation of prostheses, **68A**, 1464(*correspondence*)
with **Cherney, D.L.** Total hip replacement in the previously septic hip, **65A**, *1256
with **Ma, S.M.** *and* **Kabo, J.M.** Frictional torque in surface and conventional hip replacement, **65A**, *366
with **Markolf, K.L.** *and* **Kochan, A.** Measurements of knee stiffness and laxity in patients with documented absence of the anterior cruciate ligament, **66A**, *242
with **Thomas, B.J.** Results of the administration of diphosphonate for the prevention of heterotopic ossification after total hip arthroplasty, **67A**, *400
with others. Deep sepsis following total knee arthroplasty: ten-year experience at the University of California at Los Angeles Medical Center, **68A**, *226
with others. The grid radiograph: a simple technique for consistent high-resolution visualization of the hip, **68A**, *1052
with others. Treatment of primary osteoarthritis of the hip: a comparison of total joint and surface replacement arthroplasty, **66A**, *228
An, K.-N. *with others.* Biomechanical study of the ligamentous system of the acromioclavicular joint, **68A**, *434
with others. Rupture of the distal tendon of the biceps brachii: a biomechanical study, **67A**, *418
An, K.N. *with others.* The early healing of tibial osteotomies stabilized by one-plane or two-plane external fixation, **69A**, *355
Anas, P. *with* **Pappas, A.M.** *and* **Toczylowski, H.M.**, Jr. Asymmetrical arrest of the proximal tibial physis and genu recurvatum deformity, **66A**, *575
Anast, G.T. *with* **Flatley, T.J.** *and* **Anderson, M.H.** Spinal instability due to malignant disease: treatment by segmental spinal stabilization, **66A**, *47
Anastasiades, K.D. *with* **Otis, J.B.** *and* **Campbell, W.G., Jr.** Vertebral malacoplakia: a case report, **69A**, *458
Anday, E. *with others.* Metatrophic dwarfism: uncoupling of endochondral and perichondral growth, **69A**, *174
Anderson, A.F. *with* **Lipscomb, A.B.** Tears of the anterior cruciate ligament in adolescents, **68A**, *19
with others. Fracture of the tibial tuberosity with associated ligamentous and meniscal tears: a case report, **66A**, *790
Anderson, D.J. *with* **Jones, N.S.** *and* **Stiles, P.J.** Osteomyelitis in a general hospital: a five-year study showing an increase in subacute osteomyelitis, **69B**, *779
Anderson, D.R. *with others.* Treatment of selected patients with an ununited fracture of the proximal part of the scaphoid by excision of the fragment and insertion of a carved silicone-rubber spacer, **66A**, *510
Anderson, E.G. Hallux valgus: a rationale for treatment, **68B**, 844
with **Vlatis, G.** Swanson Silastic spacer in hallux rigidus and valgus, **69B**, 678
Anderson, G.R. Volar plate arthroplasty, **65B**, 667(*discussion*)
Anderson, J.C. *with others.* Limb-length discrepancy measured with computerized axial tomographic equipment, **69A**, *699
Anderson, L.D. *with* **Cowley, S.P.** Hernias through donor sites for iliac-bone grafts, **65A**, *1023(*brief note*)
Anderson, M.E. Reconstruction of the lateral ligaments of the ankle using the plantaris tendon, **67A**, *930
Anderson, M.H. *with* **Flatley, T.J.** *and* **Anast, G.T.** Spinal instability due to malignant disease: treatment by segmental spinal stabilization, **66A**, *47
Anderson, P.P.A. *with* **Singer, M.** Orthopaedic morbidity and train accidents, **69B**, 681
Andersson, G. *with others.* In Vivo measurements of spinal column vibrations, **69A**, 634(*correspondence*)
Andersson, G.B.J. *with others. In vivo* measurements of spinal column vibrations, **68A**, *695
with others. Tibial condylar fractures: a twenty-year follow-up, **68A**, *13
Anderton, J.M. *with* **Owen, R.** Absence of the pituitary gland in a case of congenital sacral agenesis, **65B**, *182
Andreae, P. *with others.* The effect of medial meniscectomy on strain distribution in the proximal part of the tibia, **66A**, *1431
Andrew, T. *with* **Piggott, H.** Growth arrest for progressive scoliosis: combined anterior and posterior fusion of the convexity, **67B**, *193
with **Piggott, H.** Review of progressive congenital scoliosis treated by unilateral growth arrest, **67B**, 148
Andrew, T.A. *with* **Chana, G.S.** *and* **Cotterill, C.P.** A simple method of arthrodesis of the first metatarsophalangeal joint, **66B**, *703
with **Thorogood, M.** Subtrochanteric fracture after screw fixation, **68B**, 161
with others. Long-term review of Ring total hip arthroplasty, **68B**, 669
Andrews, B.G. *Book reviews*, **69B**, 171
The place of Syme's amputation for the treatment of leg-length discrepancy, **67B**, 150(*discussion*)
Andriacchi, T.P. *with* **Galante, J.O.** The effect of conformity, thickness, and material on stresses in ultra-high molecular weight components for total joint replacement, **69A**, 471(*correspondence*) *with others.* An anthropometric basis for design in total knee arthroplasty, **69B**, 505
with **Prodromos, C.C.** *and* **Galante, J.O.** A relationship between gait and clinical changes following high tibial osteotomy, **67A**, *1188
Andrish, J.T. *with others.* Anterior cruciate reconstruction using the Jones-Ellison procedure, **67A**, *1029
with others. The syndrome of inappropriate antidiuretic-hormone secretion following spinal fusion, **68A**, *720
Aner, A. *with* **Axer, A.** A new technique for greater trochanteric hip arthroplasty, **66B**, *331
Angel, D. *with others.* Anatomy of the normal knee as seen by magnetic resonance imaging, **68B**, *117
with others. Histological response to carbon fibre, **67B**, *645
Angel, J.C. *Book reviews*, **65B**, 230
Angel, K.R. Percutaneous orthopaedic surgery, **66B**, 778(*discussion*)
Angtuaco, T.L. *with others.* Ultrasound imaging as a screening study for malignant soft-tissue tumors, **69A**, *100
Angus, P.D. *with* **Cowell, H.R.** Triple arthrodesis: a critical long-term review, **68B**, *260
with **Nakielny, R.** *and* **Goodrum, D.T.** The pneumatic tourniquet and deep venous thrombosis, **65B**, *336
with **Owen, J.R.** *and* **Marks, H.** Deformity and immobility during growth: their effect on the muscle fibre, **68B**, 496
Aniliker, M. *with others.* Bone loss in premenopausal and postmenopausal women: a cross-sectional and longitudinal study using quantitative computed tomography, **66A**, *1015
Annan, I. *with others.* The effect of induced electric currents on bone after experimental osteotomy in sheep, **67B**, *463
Annan, I.H. *with others.* Electrical stimulation of fracture healing assessed by the extraction of methylene diphosphonate, **65B**, 364
Anraku, I. *with others.* Subacromial bursoscopic findings in patients with painful shoulders, **67B**, 495
Ansell, B.M. *with* **Swann, M.** Soft-tissue release of the hips in children with juvenile chronic arthritis, **68B**, *404
with **Swann, M.** The management of chronic arthritis of children, **65B**, *536(*review article*)
with others. Scoliosis in juvenile chronic arthritis, **69B**, *175
with others. Total hip replacement in children with juvenile chronic arthritis, **66B**, 141
with others. Total hip replacement in children with juvenile chronic arthritis, **68B**, *218

Anthony, S. *with others.* Dynamic musculotendinous transfer to replace the anterior cruciate ligament in the dog, **65B**, *650
Antoun, R. *with* **Fallaha, M.** *and* **Turcotte, R.** Closed intramedullary nailing of femoral fractures: a review of 76 cases, **69B**, 500
Antrum, R.M. Radical excision of the nailfold for ingrowing toenail, **66B**, *63
Anzel, S.H. *with* **Salibian, A.H.** *and* **Rogers, F.R.** The gluteus medius-tensor fasciae latae myocutaneous flap for infected Girdlestone procedures: report of two cases, **66A**, *1466
with **Salibian, A.H.** *and* **Salyer, W.A.** Transfer of vascularized grafts of iliac bone to the extremities, **69A**, *1319
with **Salibian, A.H.** Salvage of an infected total knee prosthesis with medial and lateral gastrocnemius muscle flaps: a case report, **65A**, *681
Aparisi, T. *with* **Johansson, E.** Missing cruciate ligament in congenital short femur, **65A**, *1109
Apley, A.G. *Book reviews*, **69B**, 516
Brief reports, **68B**, 517(*editorial*)
Failures of arthroscopic meniscectomy, **67B**, 158(*discussion*)
Non-union of the carpal scaphoid treated by wedge grafting, **66B**, 277(*discussion*)
References, **69B**, 689(*editorial*)
Sir Harry Platt, **69B**, 342(*obituary*)
Surgeons and writers (Watson-Jones lecture), **67B**, 140
The American Orthopaedic Association 1887-1987, **69B**, 345(*annotation*)
The prevention of deep sepsis in joint replacement, **69B**, 517(*annotation*)
Applegate, W. The femoral cement compactor: an improvement in cementing technique in total hip replacement, **66A**, 808(*correspondence*)
Appleyard, R.W. *with others.* Internal fixation of fractures and non-unions of the humeral shaft: indications and results in a multi-center study, **67A**, *857
Aracil, J. *with others.* Fractures of the distal tibial epiphysis in adolescence, **65A**, 1208(*correspondence*)
Arafa, M. *with* **Galasko, C.S.B.** Leg lengthening using the Wagner frame, **68B**, 668
Arafa, M.A. *with others.* Aetiological studies in Dupuytren's disease, **66B**, 288
Arafa, M.A.M. *with* **Henderson, J.J.** Carpometacarpal dislocation: an easily missed diagnosis, **69B**, *212
with others. The results of early mobilisation of fractures of the neck of the fifth metacarpal, **67B**, 492
Arafiles, R.P. Neglected posterior dislocation of the elbow: a reconstruction operation, **69B**, *199
Araki, S. *with* **Ohtani, T.** *and* **Tanaka, T.** Acute dislocation of the extensor digitorum communis tendon at the metacarpophalangeal joint: a report of five cases, **69A**, *616
Araujo, E.S. *with* **Schajowicz, F.** *and* **Berenstein, M.** Sarcoma complicating Paget's disease of bone: a clinicopathological study, **65B**, *299
with others. Tissue-typing in human massive allografts of frozen bone, **69A**, *583
Arbes, H. *with* **Lack, W.** *and* **Bösch, P.** Chronic osteomyelitis treated by cancellous homografts and fibrin adhesion, **69B**, *335
Archer, C. *with* **Craig, F.M.** *and* **Bentley, G.** The distribution of types I and II collagen and keratan sulphate in the developing joint, **69B**, 497
with others. Cartilage matrix synthesis by human articular chondrocytes in vitro, **69B**, 497
Archer, C.W. The role of matrix components in the morphogenesis of cartilaginous long bone rudiments (and the developing epiphysial plate), **67B**, 317
with **Bayliss, M.T.** *and* **Bentley, G.** Proteoglycan synthesis in adult human chondrocytes *in vitro*: effects of cell density, **68B**, 495
Archer, I.A. *with* **Deacon, P.** *and* **Dickson, R.A.** Idiopathic scoliosis in Leeds: a management philosophy, **68B**, 670
with **Deacon, P.** *and* **Dickson, R.A.** The anatomy and biomechanics of spinal deformity, **66B**, 289
with **Dickson, R.A.** Biomechanics of spinal deformity, **68B**, 682
with **Dickson, R.A.** Stature and idiopathic scoliosis: a prospective study, **67B**, *185
with **Dickson, R.A.** Surgical treatment of late-onset idiopathic thoracic scoliosis: the Leeds procedure, **69B**, *709
with others. Bi-planar spinal asymmetry: the pathogenesis of idiopathic scoliosis, **66B**, 143
with others. Combined median and coronal plane asymmetry: the essential lesion of progressive idiopathic scoliosis, **65B**, 368
with others. The pathogenesis of idiopathic scoliosis, **66B**, *8
Arden, G.P. *Book reviews*, **68B**, 342
with others. Total hip replacement in children with juvenile chronic arthritis, **66B**, 141; **68B**, *218
Ardran, G.M. *with* **Dickson, R.A.** Reduction of radiation exposure during radiography for scoliosis, **65A**, 1206(*correspondence*)
Arensburg, B. *with* **Edelson, J.G.** *and* **Nathan, H.** Diastematomyelia – the "double-barrelled" spine, **69B**, *188
Arita, S. *with others.* The aetiology and treatment of simple bone cysts, **65B**, *633
Arlot, M.E. *with others.* Bone histology in adults with aseptic necrosis: histomorphometric evaluation of iliac biopsies in seventy-seven patients, **65A**, *1319
Armitage, N.C. *with others.* Gamma scintigraphy of bone tumours using a radiolabelled anti-osteosarcoma monoclonal antibody, **67B**, 320
Armour, P.C. *with* **Gillespie, W.J.** *and* **Sainsbury, R.** The Christchurch Orthopaedic Geriatric Unit: the first year's experience, **67B**, 678
with **Taine, W.H.** Primary total hip replacement for displaced intracapsular fractures of the femur, **66B**, 614
with **Taine, W.H.** Primary total hip replacement for displaced subcapital fractures of the femur, **67B**, *214
Armstrong, A. *with others.* Elaboration of neutral proteoglycanase by growth-plate tissue cultures, **69A**, *76
Armstrong, G.W.D. Lytic spondylolysis: repair by wiring, **67B**, 674(*discussion*)
Presidential address (Canadian Orthopaedic Association), **68B**, 846
Scoliosis: school screening; its advantages and disadvantages, **67B**, 487(*discussion*)
with **Che, B.Y.** Sacral configuration in dysplastic spondylolisthesis, **67B**, 335
with **Delaney-Baxter, M.P.** *and* **Lenczner, E.** Orthopaedic manifestations of amyloidosis, **67B**, 328
with **Denis, F.** *and* **Livermore, N.** Fractures of the thoracolumbar spine: a treatment protocol based on a morphological classification, **67B**, 674
with **Livermore, N.** *and* **Denis, F.** A morphological classification of thoracolumbar injuries, **67B**, 499
with others. Technical aspects of lumbar stabilisation with Luque instrumentation for low-back problems, **66B**, 299
Armstrong, L. *with others.* Ceramics for bone replacement, **65B**, 668
Armstrong, R.D. *with* **Bailey, S.I.** *and* **Haddad, R.G.** The usefulness of CT scanning and myelography in lumbar disc disease, **69B**, 509
Arnoczky, S.P. *with* **Warren, R.F.** *and* **Ashlock, M.A.** Replacement of the anterior cruciate ligament using a patellar tendon allograft: an experimental study, **68A**, *376
Arnold, P. *with others.* Luque segmental spinal instrumentation for scoliosis: a preliminary clinical and biomedical report, **66B**, 284
Arnold, P.G. *with others.* Local muscle flaps in the treatment of chronic osteomyelitis, **67A**, *175
Arnold, W. *with* **Hardcastle, P.** *and* **Nade, S.** Hereditary bone dysplasia with malignant change: report of three families, **68A**, *1079
Arnold, W.D. The effect of early weight-bearing on the stability of femoral neck fractures treated with Knowles pins, **66A**, *847, 1495(*correspondence*)
Aro, H. *with* **Dahlström, S.** Conservative management of distraction-type stress fractures of the femoral neck, **68B**, *65
Aron, J.E. *with others.* Osteoporosis in the male, **65B**, 90
Aronoff, S.C. *with* **Scoles, P.V.** Antimicrobial therapy of childhood skeletal infections, **66A**, *1487(*current concepts review*)
Aronson, D.D. *with* **Singer, R.M.** *and* **Higgins, R.F.** Skeletal traction for fractures of the femoral shaft in children: a long-term study, **69A**, *1435
Aronstam, A. *with* **Railton, G.T.** Early bleeding into upper limb muscles in severe haemophilia: clinical features and treatment, **69B**, *100
with others. The clinical features of early bleeding into the muscles of the lower limb in severe haemophiliacs, **65B**, *19
Asai, M. *with others.* Calcinosis circumscripta: a case report, **68A**, * 297
Aschliman, M.A. *with others.* Limb-salvage treatment versus amputation for osteosarcoma of the distal end of the femur, **68A**, *1331
Asher, M. *with* **Mosier, K.M.** Tarsal coalitions and peroneal spastic flat foot: a review, **66A**, *976
with **Olson, J.** Factors affecting the ambulatory status of patients with spina bifida cystica, **65A**, *350
Asher, M.A. *with* **Olney, B.W.** Excision of symptomatic coalition of the middle facet of the talocalcaneal joint, **69A**, *539, 1111(*erratum*)
Ashfar, F. *with* **Thomas, A.M.C.** *and* **Roper, B.A.** Microfenestration of lumbar intervertebral disc, **67B**, 151
Ashikaga, T. *with others.* Risk factors in low-back pain: an epidemiological survey, **65A**, *213
Ashley, R.K. John C. Wilson, Jr, **66A**, 1496(*obituary*)
Ashlock, M.A. *with* **Arnoczky, S.P.** *and* **Warren, R.F.** Replacement of the anterior cruciate ligament using a patellar tendon allograft: an experimental study, **68A**, *376
Ashton, I.K. *with* **McLardy Smith, P.** *and* **Duthie, R.B.** The effects of synovium on human cartilage matrix breakdown in tissue culture, **67B**, 158
Ashworth, C.R. *with others.* Operative treatment of intra-articular fractures of the dorsal aspect of the distal phalanx of digits, **69A**, *892
with others. Treatment of selected patients with an ununited fracture of the proximal part of the scaphoid by excision of the fragment and insertion of a carved silicone-rubber spacer, **66A**, *510
Ashworth, M.A. *with* **Watson, C.H.C.** Growth disturbance and meningococcal septicemia: report of two cases, **65A**, *1181
Askanazi, J. *with* **Michelsen, C.B.** The metabolic response to injury: mechanisms and clinical implications, **68A**, *782(*current concepts review*)
Askew, L.J. *with others.* Rupture of the distal tendon of the biceps brachii: a biomechanical study, **67A**, *418
Askew, M.J. *with others.* The influence of prosthetic stem stiffness and of a calcar collar on stresses in the proximal end of the femur with a cemented femoral component, **66A**, *280

* Indicates full article or appreciable part

Astley, T.M. Dislocation of the shoulder in the elderly, **68B**, 676
Injuries of the rotator cuff of the shoulder, **66B**, 613(*discussion*)
Aston, J.E. *with* **Bentley, G.** Repair of articular surfaces by allografts of articular and growth-plate cartilage, **68B**, *29
with **Bentley, G.** Repair of normal and arthritic articular surfaces by allografts of articular and epiphysial cartilage, **67B**, 317
Åström, J. *with others*. Physical activity in women sustaining fracture of the neck of the femur, **69B**, *381
Athanasoulis, C.A. *with others*. Detection of pulmonary emboli after total hip replacement using serial $C^{15}O_2$ pulmonary scans, **66A**, *1388
with others. Prophylaxis of deep-vein thrombosis after total hip replacement: dextran and external pneumatic compression compared with 1.2 or 0.3 gram of aspirin daily, **67A**, *57
Atkins, R.M. *with* **Bell, M.J.** *and* **Sharrard, W.J.W.** Pectoralis major transfer for paralysis of elbow flexion in children, **67B**, *640; **68B**, 156
with **Bell, M.J.** *and* **Sharrard, W.J.W.** Irreducible congenital dislocation of the knee: aetiology and management, **69B**, *403
with **Duckworth, T.** *and* **Kanis, J.A.** Algodystrophy: a common disorder?, **68B**, 497
with **Tindale, W.** *and* **Kanis, J.A.** The bone scan in reflex sympathetic dystrophy, **69B**, 495
with others. Aminohexane diphosphonate for the treatment of Paget's disease of bone, **68B**, 161
Atkinson, D.R. Anatomical trochlear stirrup arthroplasty of the rheumatoid elbow, **67B**, 676(*discussion*)
Posterior cruciate ligament injuries, **67B**, 674(*discussion*)
with **Simmonds, A.B.** Hindfoot stabilisation in rheumatoid arthritis, **65B**, 519
Atkinson, J.H., Jr. *with* **Kremer, E.F.** *and* **Garfin, S.R.** Psychopharmacological agents in the treatment of pain, **67A**, *337(*current concepts review*)
Atkinson, J.R. *with others*. External wear of the polyethylene socket in cemented total hip arthroplasty, **69B**, *61
with others. The role of cement and roughening upon the penetration rate of femoral heads into acetabular cups of Charnley prostheses, **68B**, 496
Atkinson, P.J. *with* **Fujikawa, K.** *and* **Seedhom, B.B.** The Leeds–Keio artificial cruciate ligament: results of both animal and human clinical trials, **68B**, 669
with **Hallsworth, A.S.** The nutrient channels in ageing bone, **67B**, 159
with **Seedhom, B.B.** *and* **Fujikawa, K.** On fixation of Terylene ligaments to bone with special reference to the cruciates, **65B**, 660
Atkinson, R.E. *with others*. Conventional total hip arthroplasty for degenerative joint disease in patients between the ages of forty and sixty years, **66A**, *745
Atlas, S. Domingos Define, **68A**, 316(*obituary*)
Atsumi, T. *with others*. Hip joint operation utilising Bateman UPF prosthesis in Japan, **66B**, 301
Attar, D. *with others*. Congenital dislocation of the hip and computerised axial tomography, **66B**, *472
Aubuchon, C. *with* **Hill, J.J.,Jr.** *and* **Graham, D.R.** Atypical mycobacterial infection of soft tissue associated with use of a hot tub: a case report, **68A**, *766
Auchincloss, J.H. *with others*. Does a tourniquet affect antibiotic absorption in knee replacement?, **68B**, 160
August, A.C. *with* **Aldam, C.H.** *and* **Pynsent, P.B.** McKee–Farrar hip arthroplasty in Norwich: a long-term follow-up, **67B**, 497
with **Aldam, C.H.** *and* **Pynsent, P.B.** The McKee–Farrar hip arthroplasty: a long-term study, **68B**, *520
with others. A long-term study of the Chiari pelvic osteotomy for congenital dislocation of the hip and acetabular dysplasia, **69B**, 156
with others. Multiple-level distraction instrumentation for adolescent idiopathic scoliosis, **68B**, 670
with others. The Chiari pelvic osteotomy: a review of the long-term results, **69B**, *551
Aukland, A. *with* **Heyes, F.L.P.** Occlusion of the common femoral artery complicating total hip arthroplasty, **67B**, *533
Austin, C.W. *with others*. Ultrasound imaging as a screening study for malignant soft-tissue tumors, **69A**, *100
Austin, R.T. Rotatory malunion of the lateral malleolus corrected by osteotomy, **69B**, *481(*brief report*)
Avai, A. *with others*. Osteonecrosis of the hip treated by intertrochanteric osteotomy: a 4-to 15-year follow-up, **69B**, 502
Awbrey, B.J. *with others*. Late complications of total hip replacement from bone cement within the pelvis, **66B**, *41
Axer, A. The present status of surgical treatment of Legg-Perthes disease, **67A**, 1141(*correspondence*)
with **Aner, A.** A new technique for greater trochanteric hip arthroplasty, **66B**, *331
with **Mirovsky, Y.** *and* **Hendel, D.** Residual shortening after osteotomy for Perthes' disease, **66B**, *184
Axon, D.L. *with* **Brodell, J.D.** *and* **Evarts, C.M.** The Robert Jones bandage, **68B**, *776
Ayala, A. *with others*. Medullary involvement in parosteal osteosarcoma: a case report, **69A**, *131
Ayala, A.G. *with* **Murray, J.A.** *and* **Raymond, A.K.** Osteoid-osteoma: intraoperative tetracycline–fluorescence demonstration of the nidus, **69A**, 310(*correspondence*)
Ayala, A.G., (*continued*)
with others. Osteoid-osteoma: intraoperative tetracycline-fluorescence demonstration of the nidus, **68A**, *747
Ayers, D.C. *with* **Evarts, C.M.** *and* **Parkinson, J.R.** The prevention of heterotopic ossification in high-risk patients by low-dose radiation therapy after total hip arthroplasty, **68A**, *1423
Aylott, C. *with* **Elwood, J.M.** The presentation of scoliosis, **69B**, 851
Ayoub, M.H. *with* **Bennet, G.C.** A study of cutaneous and intracompartmental limb pressures associated with the combined use of tourniquets and plaster casts, **68B**, 497
Azariah, R. Conservative arthroplasty of the hip joint, **68B**, 675
Resurfacing arthroplasty of the hip, **66B**, 614 (*discussion*)
with **Beautrais, P.** Chronic musculoskeletal pain: a non-orthopaedic approach, **67B**, 678
Aziz, A.A. *with* **Halawa, M.** Chondrosarcoma in fibrous dysplasia of the pelvis, **66B**, *760
Azzarelli, A. *with* **Gennari, L.** *and* **Quagliuolo, V.** A posterior approach for the excision of sacral chordoma, **69B**, *565

B

Baas, P. *with* **Veldhuizen, A.G.** *and* **Webb, P.J.** Observations on the growth of the adolescent spine, **68B**, *724, 681
Babhulkar, S.K. *with* **Babhulkar, S.S.** *and* **Tayade, W.B.** Atypical spinal tuberculosis, **66B**, *239
Babhulkar, S.S. Triceps contracture caused by injections: a report of 11 cases, **67B**, *94
with **Babhulkar, S.K.** *and* **Tayade, W.B.** Atypical spinal tuberculosis, **66B**, *239
Babini, J.C. *with* **García-Morteo, O.** *and* **Maldonado-Cocco, J.A.** Ectopic ossification following total hip replacement in juvenile chronic arthritis, **65A**, *812
Bacchini, P. *with others*. Benign fibrous histiocytoma of bone, **68A**, *1225
with others. Desmoplastic fibroma of bone, **66B**, *265
with others. Periosteal chondroma: a review of twenty cases, **65A**, *205
Bacci, G. *with others*. Adjuvant chemotherapy for malignant fibrous histiocytoma in the femur and tibia, **67A**, *620
with others. Medullary involvement in parosteal osteosarcoma: a case report, **69A**, *131
Bach, A.W. *with others*. Internal fixation of fractures and non-unions of the humeral shaft: indications and results in a multi-center study, **67A**, *857
Bachmann, F. *with others*. Pharmacokinetic study of gentamicin-loaded cement in total hip replacements, **66B**, *175
Baciu, C.C. A simple technique for arthrodesis of the ankle, **68B**, *266
Backhouse, K.M. *Book reviews*, **67B**, 170
Book reviews, **69B**, 514
Bäckman, L. *with* **Surin, V.V.** *and* **Sundholm, K.** Infection after total hip replacement, **65B**, *412
Badelon, O. *with* **Rigault, P.** The congenital flat foot: a borderline condition between the congenital vertical talus and the severe flat foot, **67B**, 489
Badenhorst, O.A. A comparative study of the incidence of infection in open fractures of the tibia using an external fixation device or plaster cast immobilistion, **66B**, 460(*discussion*)
The management of extensive soft-tissue injuries in the presence of skeletal injury, **66B**, 460
with **Shipley, J.A.** Surgical correction of lower limb deformity due to rickets, **69B**, 682
Bader, D.L. *with* **Chase, A.P.** *and* **Houghton, G.R.** The biomechanical effectiveness of the Boston brace in the management of adolescent idiopathic scoliosis, **69B**, 852
Baekgaard, N. *with others*. Prophylactic antibiotics in amputation of the lower extremity for ischemia: a placebo-controlled, randomized trial of cefoxitin, **67A**, *800
Bagó-Granell, J. *with others*. Malignant fibrous histiocytoma of bone at the site of a total hip arthroplasty, **66B**, *38
Bahar, A. *with* **Goldberg, I.** *and* **Yosipovitch, Z.** Late results after correction of hallux valgus deformity by basilar phalangeal osteotomy, **69A**, *64,N 950(*correspondence*)
Bahniuk, E. *with others*. Biplane radiographic measurements of reversible displacement (including clinical loosening) and migration of total joint replacements, **65A**, *1134
Bailey, A. *with* **Skirving, A.P.** *and* **Simms, T.** Congenital dislocation of the hip: a connective tissue disease?, **65B**, 673
Bailey, A.J. *with* **Duance, V.C.** *and* **Shimokomaki, M.** Biochemical and immunohistological characterisation of new articular cartilage collagens, **65B**, 93
Bailey, I. *with* **Belle, R.** Electrical stimulation for scoliosis, **69B**, 507
Bailey, P.V. *with others*. A bacteriologically occlusive clothing system for use in the operating room, **65B**, *502
Bailey, R.W. *with others*. Long-term results of tibiotalar arthrodesis, **67A**, *546
Bailey, S.I. *with* **Allen, J.** Post-laminectomy instability: identification and management, **67B**, 335

Bailey, S.I., (*continued*)
with **Armstrong, R.D.** *and* **Haddad, R.G.** The usefulness of CT scanning and myelography in lumbar disc disease, **69B**, 509
with **Haddad, R.G.** *and* **Lockstadt, H.D.** Evaluation of fractures of the ring of the atlas, **68B**, 852
with **Janzen, T.** *and* **Buckingham, A.** Evaluation of school screening for scoliosis, **68B**, 855
with **McLaren, A.C.** Cauda equina syndrome following lumbar discectomy, **66B**, 298
with others. A new technique of posterior cervical fusion for instability of the cervical spine, **67B**, 327
Bailey, T.E., Jr. *with* **Mahoney, O.M.** The use of banked autologous blood in patients undergoing surgery for spinal deformity, **69A**, *329
Bailey, W.H. Acetabular revision in total hip failures, **68B**, 851
Evaluation of the kinematic stabilizer, **69B**, 505
with others. Surgical synovectomy in the treatment of chronic haemophilic arthropathy, **66B**, 302
Baily, R.A.J. *with* **Broughton, N.S.** *and* **Newman, J.H.** Unicompartmental replacement and high tibial osteotomy for osteoarthritis of the knee: a comparative study after 5-10years' follow-up, **68B**, *447
with others. A comparison of flexion and extension regimes after knee replacement, **67B**, 488
Baird, P.R.E. *with* **Crawford, E.J.P.** *and* **Clark, A.L.** Cauda equina and lumbar nerve root compression in patients with AIDS, **69B**, *36
with **Crawford, E.J.P.** An orthopaedic presentation of AIDS, **69B**, *672(*brief report*)
Baird, R.A. *with* **Jackson, S.T.** Fractures of the distal part of the fibula with associated disruption of the deltoid ligament: treatment without repair of the deltoid ligament, **69A**, *1346
with **Pang, D.K.** *and* **Day, A.T.** Use of the Broviac central venous catheter for intravenous antibiotic therapy in the orthopaedic patient, **67A**, *1108
with **Rovner, R.A.** *and* **Malerich, M.M.** Fatal toxic shock syndrome as a complication of orthopaedic surgery: a case report, **66A**, *952
Baker, A.S. *with* **Dove, J.** Progressive scoliosis as the first presenting sign of syringomyelia: report of a case, **65B**, *472
Baker, B.E. *with* **Birrwagen, D.** Rupture of the distal tendon of the biceps brachii: operative versus non-operative treatment, **67A**, *414
Baker, C.L., Jr. *with* **Norwood, L.A.** *and* **Hughston, J.C.** Acute posterolateral rotatory instability of the knee, **65A**, *614
Baker, D. *with others*. The natural history of spondylolysis and spondylolisthesis, **66A**, *699
Baker, G.C.W. *In situ* pinning of the slipped upper femoral epiphysis: a trouble free procedure?, **68B**, 155(*discussion*)
Derotation osteotomy in the management of congenital dislocation of the hip, **67B**, 492(*discussion*)
Periosteal division in the management of the short leg in childhood, **66B**, 276
with **Wilde, G.P.** Circumferential periosteal release in the treatment of children with leg-length inequality, **69B**, *817
with others. Impact of MRI on management of neurological complications of spinal deformity, **69B**, 854
Baker, M.R. *with* **Lawton, J.O.** *and* **Dickson, R.A.** Femoral neck fractures: an anatomical, biochemical and clinical study, **65B**, 90
Baker, T.S. *with others*. Antibodies against vitamin D derivatives: development of a solid-phase radio-immunoassay for 1,25-dihydroxycholecalciferol, **65B**, 91
Bakir, L. *with* **Dowling, F.E.** *and* **Goldberg, C.** Does sublaminar wiring derotate the spine or reduce lordosis?, **69B**, 853
Baksi, D.P. Internal fixation of ununited femoral neck fractures combined with muscle-pedicle bone grafting, **68B**, *239
Treatment of post-traumatic avascular necrosis of the femoral head by multiple drilling and muscle-pedicle bone grafting, **65B**, *268
Balasubramaniam, P. *with* **Daruwalla, J.S.** Moiré topography in scoliosis: its accuracy in detecting the site and the size of the curve, **67B**, *211
with **Das De, S.** A repair operation for recurrent dislocation of peroneal tendons, **67B**, *585
with **Kumar, V.P.** The role of atmospheric pressure in stabilising the shoulder: an experimental study, **67B**, *719
with **Nather, A.** *and* **Bose, K.** Fracture healing in a large avascular segment of bone, **67B**, 159
with others. Idiopathic scoliosis: prevalence and ethnic distribution in Singapore schoolchildren, **67B**, *182
with others. Lung function in scoliosis corrected by Harrington instrumentation with and without sublaminar segmental wiring, **69B**, 853
with others. Surface morphology of Asian cadaveric hips, **67B**, *225
Balciunas, A. *with others*. Unilateral facet dislocation at the lumbosacral junction: case report and literature review, **65A**, *1174
Balderston, R. *with others*. The infected hip after total hip arthroplasty, *1393
Baldini, N. *with others*. Benign fibrous histiocytoma of bone, **68A**, *1225
with others. Giant-cell tumor of bone, **69A**, *106
Balduini, F.C. *with others*. A modified Bristow–Helfet–May procedure for recurrent dislocation and subluxation of the shoulder: report of two hundred and twelve cases, **69A**, *904
Balduini, F.C., (*continued*)
with others. Fractures of the base of the fifth metatarsal distal to the tuberosity: classification and guidelines for non-surgical and surgical management, **66A**, *209
Baldwin, R.W. *with others*. Localisation of human osteosarcoma by antitumour monoclonal antibody, **65B**, *638
Balfour, G.W. *with* **Lesin, B.E.** Acute rupture of the medial collateral ligament of the elbow requiring reconstruction: case report, **68A**, *1278
Balian, G. *with* **Bolander, M.E.** The use of demineralized bone matrix in the repair of segmental defects: augmentation with extracted matrix proteins and a comparison with autologous grafts, **68A**, *1264
Balkfors, B. *with others*. Operative versus non-operative treatment of recent injuries to the ligaments of the knee: a prospective randomized study, **69A**, *1120
Ball, J. *with others*. Inflammatory lesions of the anterior annulus in low back pain syndrome, **67B**, 500
Ballard, A. *with* **Zych, G.A.** Congenital band causing pseudarthrosis and impending gangrene of the leg: a case report with successful treatment, **65A**, *410
Ballard, H.M., III. *with* **Popowitz, L.** Surgery for full-thickness rotator-cuff tears, **68A**, 634(*correspondence*)
Balourdas, G.M. *with* **Marcus, R.E.** *and* **Heiple, K.G.** Ankle arthrodesis by chevron fusion with internal fixation and bone-grafting, **65A**, *833
Bamforth, J.S.G. *with others*. Costectomy as the first stage of surgery for scoliosis, **68B**, *91
Bamforth, S. *with others*. Preliminary costectomy in posterior corrective surgery for scoliosis, **67B**, 491
Bancroft, G. *with others*. Does an associated injury affect the outcome of a fracture of the femoral shaft?: a statistical analysis, **66B**, 285
Banerji, P. *with others*. The trabecular pattern of the calcaneum as an index of osteoporosis, **65B**, *195
Banks, A.J. *with* **Galasko, C.S.B.** *and* **Dervin, E.** Spinal stabilisation in secondary malignancy, **65B**, 224
Banks, H.H. Osteochondritis dissecans of the femoral condyles, **67A**, 664(*correspondence*)
Banna, M. *with* **Stevenson, G.W.** *and* **Tumiel, A.** Unilateral atlanto-occipital dislocation complicating an anomaly of the atlas: a case report, **65A**, *685
Bannister, G.C. *with* **Gibson, A.G.F.** Bracing or plaster for Colles' fractures?: a randomised prospective controlled trial, **65B**, 221
with **Gibson, A.G.F.** Jewett nail-plate or AO dynamic hip screw for trochanteric fractures?: a randomised prospective controlled trial, **65B**, 218
with **Johnson, D.P.** The outcome of infected arthroplasty of the knee, **68B**, *289, 160
with others. A prospective study of the treatment of acromioclavicular dislocation, **66B**, 279
with others. Does a tourniquet affect antibiotic absorption in knee replacement?, **68B**, 160
Banta, J.V. *with* **Lovallo, J.L.** *and* **Renshaw, T.S.** Adolescent idiopathic scoliosis treated by Harrington-rod distraction and fusion, **68A**, *1326
with others. Intraspinal rhizotomy and distal cordectomy in patients with myelomeningocele, **68A**, *88
with others. Talectomy for equinovarus deformity in myelodysplasia, **67A**, *21
Barber, F.A. *with* **Burton, W.C.** *and* **Guyer, R.** The heparin-induced thrombocytopenia and thrombosis syndrome: report of a case, **69A**, *935
with **Stone, R.G.** Meniscal repair: an arthroscopic technique, **67B**, *39
Barbor, P. *with* **Worlock, P.H.** *and* **Stower, M.J.** Fracture patterns in child abuse, **69B**, 154
Bard, C. *with others*. Osteomesopyknosis: case report, **67A**, *652
Barja, R.H. *with* **Martell, J.R., Jr.** *and* **Busnardo, M.S.** Congenital fibrosarcoma of the forearm: a case report, **68A**, *620
Barlin, C.E. *with* **Jakim, I.** A 5–8 year follow-up of the Sheehan total knee arthroplasty, **69B**, 680
with **Jakim, I.** Interim report on the Iso-elastic cementless total hip arthroplasty, **69B**, 681
Barmada, R. *with others*. The effect of adjunctive methylmethacrylate on failures of fixation and function in patients with intertrochanteric fractures and osteoporosis, **67A**, *1094
Barmeir, E. *with others*. Congenital dislocation of the hip and computerised axial tomography, **66B**, *472
Barnes, D.I. Congenital pseudarthroses of the tibia, **67B**, 507
with **Sonnino, M.** Fracture of the distal third of the femoral shaft in adults treated by open reduction and AO plating and then Dyna-brace mobilisation of the knee, **67B**, 504
Barnes, K.L. *with* **Fahmy, N.R.M.** *and* **Noble, J.** Combined intramedullary nailing and Charnley compression for difficult knee arthrodesis, **65B**, 224
with **Fahmy, N.R.M.** *and* **Noble, J.** A technique, for difficult arthrodesis of the knee, **66B**, *367
Barnes, M.J. *with* **Hardy, A.E.** Delayed reconstruction of the tendo achillis, **67B**, 674
with **Hardy, A.E.** Delayed reconstruction of the calcaneal tendon, **68B**, *121
with **Tietjens, B.R.** Amputation secondary to dislocation of knee, **66B**, 609

* Indicates full article or appreciable part

Barnes, M.R. *with* **Allen, M.J.** Exercise pain in the lower leg: chronic compartment syndrome and medial tibial syndrome, **68B**, *818
with others. Intracompartmental pressure monitoring of leg injuries: an aid to management, **67B**, *53
with others. Weakness of foot dorsiflexion and changes in compartment pressures after tibial osteotomy, **68B**, *471
Barnes, R. Sir John Charnley, **65B**, 84(*obituary*)
Barnes, S.J. *with* **Villar, R.N.** *and* **Allen, S.M.** Hemiarthroplasty in healthy patients: operative delay versus prognosis, **69B**, 153
Barnett, L.S. Little League shoulder syndrome: proximal humeral epiphyseolysis in adolescent baseball pitchers: a case report, **67A**, *495
Barnhill, B. *with* **Herring, J.A.** *and* **Gaffney, C.** Syme amputation: an evaluation of the physical and psychological function in young patients, **68A**, *573
Baron, R. *with others.* Effects of chemotherapeutic agents on bone: I. short-term methotrexate and doxorubicin (Adriamycin) treatment in a rat model, **66A**, *602
Barr, R.J. *with others.* Vascular injury associated with low-velocity dislocations of the knee, **69B**, *285
Barr, W.M. *with others.* Primary aspergillosis of the spine mimicking Pott's paraplegia, **66A**, *1481
Barrack, R.L. *with others.* Psoas abscess mimicking a septic hip: diagnosis by computed tomography, **67A**, *1281
with others. Vibratory response in idiopathic scoliosis, **68B**, *714
Barranger, J. *with others.* Evaluation of Gaucher disease using magnetic resonance imaging, **68A**, *802
Barrett, G.R. *with* **Hughston, J.C.** Acute anteromedial rotatory instability: long-term results of surgical repair, **65A**, *145
Barrett, I.R. *with* **Riseborough, E.J.** *and* **Shapiro, F.** Growth disturbances following distal femoral physeal fracture-separations, **65A**, *885
with others. Supracondylar osteotomy of the humerus for correction of cubitus varus, **66B**, *566
Barrett, J. *with others.* Hyperparathyroidism and bone marrow changes, **65B**, 93
Barrett, W.P. *with* **Scott, R.D.** Revision of failed unicondylar unicompartmental knee arthroplasty, **69A**, *1328
with **Staheli, L.T.** *and* **Chew, D.E.** The effectiveness of the Salter innominate osteotomy in the treatment of congenital dislocation of the hip, **68A**, *79
with others. Synovectomy of the rheumatoid knee using intra-articular injection of dysprosium-165-ferric hydroxide macroaggregates, **69A**, *970
with others. Total shoulder arthroplasty, **69A**, *865
Barrie, H.J. Osteochondritis dissecans 1887–1987: a centennial look at König's memorable phrase, **69B**, *693
Barrington, N.A. *with others.* Is water-soluble radiculography accurate in predicting the level of bony entrapment of lumbosacral nerve roots?, **67B**, 499
Barrington, R.L. Traumatic spondylolisthesis of the axis, **66B**, 608(*discussion*)
with others. Congenital dislocation of the hip: a place for early primary surgical treatment, **68B**, 668
Barrington, T.W. *with* **Johansson, J.E.** Femoral shortening using a step-cut osteotomy for leg-length discrepancy in adults, **66B**, 297
with **Luba, R.M.** *and* **Maistrelli, G.L.** The Madreporic cementless total hip arthroplasty: a short-term North American experience, **68B**, 852
with others. Fractures of the forearm treated by compression plating: a retrospective review, **67B**, 326
with others. Lumbar disc herniation in the elderly, **68B**, 853
Barros D'Sa, A.A.B., *with* **Elliott, J.R.M** *and* **Templeton, J.** Combined bony and vascular limb trauma: a new approach to treatment, 281
Barry, H.C. A prospective computer analysis of road accident injuries, **66B**, 783(*discussion*)
Macdonald, William Laurence, **68B**, 838(*obituary*)
100th Birthday Tribute to Sir Harry Platt, **68B**, 696
Barry, T.P. *with others.* The coracoid transfer for recurrent anterior instability of the shoulder in adolescents, **67A**, *383
Barsoum, M.K. *with others.* Early scintigraphy of tibial-shaft fractures: prognostic value?, **65B**, 223
Bartel, D.L. *with* **Bicknell, V.L.** *and* **Wright, T.M.** The effect of conformity, thickness, and material on stresses in ultra-high molecular weight components for total joint replacement, **68A**, *1041
with **Burstein, A.H.** Performance of the tibial component in total knee replacement, **65A**, 422(*correspondence*)
with **Wright, T.M.** The effect of conformity, thickness, and material on stresses in ultra-high molecular weight components for total joint replacement, **69A**, 472(*correspondence*)
Bartlett, R.J. Results of removal of normal knee menisci, **65B**, 100
with **Crowe, R.** Results of intra-articular anterior cruciate ligament reconstruction using patellar ligament, **66B**, 788
Barton, M. *with* **Wallace, W.A.** Objective measurement of muscle power around the shoulder, **67B**, 161
Barton, N. *with* **Marsh, D.** Does the use of the operating microscope improve the results of peripheral nerve suture?, **69B**, *625
Barton, N.J. *Book reviews*, **65B**, 527
A new test for clinical union of the fractured shaft of femur, **68B**, *655(*brief report*)
Barton, N.J., (*continued*)
Ankle fractures: should we operate or not?, **66B**, 144(*discussion*)
Fractures of the hand, **66B**, *159(*review article*)
Results of Russe grafting for non-union of the scaphoid, **66B**, 276
Robert Guy Pulvertaft, **69B**, 145(*obituary*)
Rupture of the central slip of the extensor hood of the finger: a test for early diagnosis, **68B**, 158(*discussion*)
The treatment of collateral-ligament ruptures in proximal in proximal interphalangeal joints of fingers, **65B**, 224 (*discussion*)
The ulnar impingement syndrome, **68B**, 158(*discussion*)
Bartucci, E.J. *with others.* The effect of adjunctive methylmethacrylate on failures of fixation and function in patients with intertrochanteric fractures and osteoporosis, **67A**, *1094
Baruah, J.K. Spinal myoclonus: a case report, **66A**, *304
Barzilay, Z. *with others.* Two-level fracture of the cervical spine in a young child: a case report with operative treatment, **65A**, *119
Bassett, C.A.L. Electrical stimulation of repair of bone, **69A**, 1110(*correspondence*)
with others. The use of pulsing electromagnetic fields to achieve arthrodesis of the knee following failed total knee arthroplasty: a preliminary report, **65A**, *480
Bassett, E.G. *with* **Panting, A.L.** Healing of the medial collateral ligament of the knee: an experimental study in the rabbit, **68B**, 675
Bassett, F.H., III. Rupture of the plantaris — does it exist?, **65A**, 422(*correspondence*), 1030(*correspondence*)
Bassett, F.H., III. *with* **Fondren, F.B.** *and* **Goldner, J.L.** Recurrent dislocation of the patella treated by the modified Roux-Goldthwait procedure: a prospective study of forty-seven knees, **67A**, *993
Bassett, G.S. *with* **Bunnell, W.P.** *and* **MacEwen, G.D.** Treatment of idiopathic scoliosis with the Wilmington brace: results in patients with a twenty to thirty-nine degree curve, **68A**, *602
with **Cowell, H.R.** Metachondromatosis: report of four cases, **67A**, *811
Bassett, L. *with others.* Results of core decompression for femoral head osteonecrosis, **67B**, 329
with others. The grid radiograph: a simple technique for consistent high-resolution visualization of the hip, **68A**, *1052
Bassett, L.W. *with* **Dawson, E.G.** *and* **Clader, T.J.** A comparison of different methods used to diagnose pseudoarthrosis following posterior spinal fusion for scoliosis, **67A**, *1153
with **Kay, S.P.** *and* **Gold, R.H.** Meniscal pneumatocele: a case report of spontaneous persistent intra-articular and juxta-articular gas, **67A**, *1117
with **Moreland, J.R.** *and* **Hanker, G.J.** radiographic analysis of the axial alignment of the lower extremity, **69A**, *745
Bateman, J. *with* **Cole, W.G.** *and* **Chan, D.** Collagen mutation in a form of the Ehlers–Danlos syndrome, **68B**, 334
with others. Structural defects of Type I procollagen in lethal perinatal osteogenesis imperfecta, **65B**, 672
with others. Type I procollagen defect in lethal perinatal osteogenesis imperfecta, **65B**, 100
Bates, Dr. Imaging of the foot, **68B**, 845
Bates, E.H. Structural defects of Type I procollagen in lethal perinatal osteogenesis imperfecta, **65B**, 673(*discussion*)
with **Walsh, M.J.** Tibialis posterior tendon transfer in Duchenne dystrophy, **68B**, 337
Bath, P.J. One thousand consecutive rugby union injuries, **66B**, 781(*discussion*)
Batten, J. *with* **Menelaus, M.B.** Fragmentation of the proximal pole of the patella, **67B**, *249
with **Menelaus, M.B.** Fragmentation of the proximal pole of the patella: another manifestation of juvenile traction osteochondritis?, **67B**, *249
Batten, R.L. *Book reviews*, **65B**, 681
Battista, A.E. *with others.* Femoral neuropathy secondary to pressurized cement in total hip replacement: treatment by decompression and neurolysis: report of a case, **69A**, *623
Batzdorf, U. *with others.* Extraforaminal disc herniation simulating a retroperitoneal neoplasm: case report, **67A**, *1275
Bauer, M. *with* **Jonsson, K.** *and* **Lindén, B.** Osteochondritis dissecans of the ankle: a 20-year follow-up study, **69B**, *93
with **Ogilvie-Harris, D.J.** *and* **Corey, P.** Prostaglandin inhibition and the rate of recovery after arthroscopic meniscectomy: a randomised double-blind prospective study, **67B**, *567
Baumgarten, M. *with others.* Normal human synovial fluid: osmolality and exercise-induced changes, **67A**, *1336
Bauze, R.J. Avascular necrosis of the scaphoid: partial replacement using a stabilised silicone implant, **66B**, 776 (*discussion*)
Baxter, M.E. *with* **D'Astous, J.L.** Proximal femoral resection with interposition arthroplasty: salvage hip surgery for the severely disabled child with cerebral palsy, **69B**, 506
Baxter, M.P. *with* **Wiley, J.J.** Fractures of the proximal humeral epiphysis: their influence on humeral growth, **68B**, *570
Bayer, M. *with* **Ellman, H.** *and* **Hanker, G.** Repair of the rotator cuff: end-result study of factors influencing reconstruction, **68A**, *1136
Bayley, J.C. *with* **Cochran, T.P.** *and* **Sledge, C.B.** The weight-bearing shoulder: the impingement syndrome in paraplegics, **69A**, *676
Bayley, J.I.L. *with others.* Operative treatment of chronic ruptures of the rotator cuff of the shoulder, **65B**, *171

Bayley, J.I.L., (*continued*)
with others. Arthrography of the shoulder after operative repair of the torn rotator cuff, **68B**, *147
with others. The technique and efficacy of manipulation in the frozen shoulder syndrome, **67B**, 495
Bayliss, M.T. *with* **Archer, C.W.** *and* **Bentley, G.** Proteoglycan syr.thesis in adult human chondrocytes *in vitro*: effects of cell density, **68B**, 495
with others. Proteoglycan synthesis rates in the intervertebral disc, **67B**, 843
with others. The composition of normal and osteoarthritic articular cartilage from human knee joints: with special reference to unicompartmental replacement and osteotomy of the knee, **66A**, *95
Beabout, J.W. *with others*. Dedifferentiated parosteal osteosarcoma, **66A**, *53
with others. Dedifferentiated chondrosarcoma: a report of the clinicopathological features and treatment of seventy-eight cases, **68A**, *1197
with others. Secondary malignant giant-cell tumor of bone: clinicopathological assessment of nineteen patients, **68A**, *1073
Beacon, J.P. *with others*. The technique and efficacy of manipulation in the frozen shoulder syndrome, **67B**, 495
Beals, R.K. *Book reviews*, **65A**, 141
with **Ovadia, D.N.** Fractures of the tibial plafond, **68A**, *543
Bean, A.R. *with others*. Double-level fractures of the cervical spine, **65B**, 520
Beard, D.J. *with others*. Chemical measurement of bone GLA protein (BGP, osteocalcin): an indicator of bone metabolism, **65B**, 93
with others. Functional bracing: an alternative treatment for periarticular fractures of the proximal tibia, **67B**, 145
Beasley, A.W. Fractures of the shaft of femur in road traffic accidents, **66B**, 615(*discussion*)
Orthopaedics: the evolution of the specialty, **67B**, 672
The Edinburgh connection (New Zealand Orthopaedic Association meeting), **66B**, 608
The prosthetic management of limb-deficient children, **65B**, 521
Beastall, G. *with others*. Vitamin D deficiency and osteomalacia in patients with femoral neck fracture, **65B**, 90
Beauchamp, C.G. *with* **Clay, N.R.** *and* **Thexton, P.W.** Displaced ankle fractures in patients over 50 years of age, **65B**, *329
with others. Functional results after immediate internal fixation of open tibial fractures, **67B**, 325
with others. The results of plating humeral shaft fractures in patients with multiple injuries: the Sunnybrook experience, **67B**, *293
Beauchamp, C.P. *with* **Duncan, C.P.** *and* **McGraw, R.W.** Don't throw away the reamers: a new technique of hip arthrodesis, **67B**, 330
with **Loomer, R.L.** Arthrotomography of the shoulder, **66B**, 303
with others. Osteoid osteoma: a 30-year experience with 76 cases at the University of British Columbia, **67B**, 328
with others. Results of revision total hip surgery at Vancouver General Hospital, **68B**, 851
Beauchamp, M. *with others*. Pattern of muscle weakness and its relation to loss of ambulatory function in Friedreich's ataxia, **69B**, 507
Beauchamp, R.D. *with others*. Osteoid osteoma: a 30-year experience with 76 cases at the University of British Columbia, **67B**, 328
Beaumont, A.R. *with others*. Urinary retention after total hip replacement: a prospective study, **69B**, *64
Beaumont, P.H. *with others*. Unstable fractures of the thoracolumbar spine: a ten year experience at Sacre-Coeur Hospital, **66B**, 294
Beautrais, P. *with* **Azariah, R.** Chronic musculoskeletal pain: a non-orthopaedic approach, **67B**, 678
Beck, G. *with* **Kempf, I.** *and* **Grosse, A.** Closed locked intramedullary nailing: its application to comminuted fractures of the femur, **67A**, *709
Bedbrook, Sir G. The surgical management of Scheuermann's kyphosis, **65B**, 98(*discussion*)
with **Hardcastle, P.H.** Pain, lumbar movement and the extensor musculature in disabled athletes after injury to the thoracolumbar junction, **68B**, 334
with **Hardcastle, P.H.** Spinal pain, lumbar movement and erector spinae musculature after injury to the thoracolumbar spine, **67B**, 151
Beddow, F.H. Dome osteotomy of the tibia in the treatment of osteoarthritis of the knee, **67B**, 145(*discussion*)
The outcome of infected arthroplasty of the knee, **68B**, 160(*discussion*)
Bedford, R.F. *with others*. Nitrogen-gas injection from a power reamer: a complication of closed intramedullary nailing of the femur: technical note, **65A**, *860
Bedouelle, J. *with others*. Dermatitis due to orthopaedic implants: a review of the literature and report of three cases, **69A**, *1408
Beeler, T.C. *with* **Stewart, M.J.** *and* **McConnell, J.C.** Compression arthrodesis of the ankle: evaluation of a cosmetic modification, **65A**, *219
Beertema, J. *with others*. Physical activity in women sustaining fracture of the neck of the femur, **69B**, *381
Beggs, I. *with others*. Idiopathic hyperphosphatasia with dermal pigmentation: a twenty-year follow-up, **68B**, *305
Begin, L.R. *with others*. Desmoplastic fibroma of a metatarsal: case report, **68A**, *459
Behr, J.T. *with others*. Herpetic infections in the fingers of infants: report of five cases, **69A**, *137
Behrens, F. *with* **Searls, K.** External fixation of the tibia: basic concepts and prospective evaluation, **68B**, *246
with others. A prospective evaluation of 100 severe open tibial fractures, **67B**, 325
with others. Long-term results of distal femoral fractures, **68B**, 848
Beighton, P. *with* **Connor, J.M.** *and* **Horan, F.T.** Dysplasia epiphysialis hemimelica: a clinical and genetic study, **65B**, *350
with others. Radiological and radionuclide assessment in fibrous dysplasia of bone, **68B**, 161
Beighton, P.H. Beukes' familial hip dysplasia, **67B**, 506(*discussion*)
with **Christy, G.** *and* **Learmonth, I.D.** Namaqualand hip dysplasia: an autosomal dominant entity, **67B**, 506
with **Versfeld, G.A.** *and* **Katz, K.** Costo-vertebral anomalies in osteogenesis imperfecta, **67B**, 508
with others. Costovertebral anomalies in osteogenesis imperfecta, **67B**, *602
with others. Spondylo-epi-metaphysial dysplasia with joint laxity and severe progressive kyphoscoliosis, **66B**, 454
Beisaw, N.E. *with others*. Sciatica caused by an avulsion fracture of the ischial tuberosity: a case report, **69A**, *143
Beissinger, S.F. *with others*. Correction of post-traumatic flexion contracture of the elbow by anterior capsulotomy, **67A**, *1160
Bejjani, F.J. *with* **Shereff, M.J.** *and* **Kummer, F.J.** Kinematics of the first metatarsophalangeal joint, **68A**, *392
Belch, J.J.F. *with others*. Total knee arthroplasty in haemophilic arthritis, **65B**, *163
Belik, J. *with others*. Metatrophic dwarfism: uncoupling of endochondral and perichondral growth, **69A**, *174
Bell, F.G. The surgical treatment of the destroyed hip joint in the young, **66B**, 786(*discussion*)
Bell, G.R. *with* **Bonutti, P.M.** Compartment syndrome of the foot: a case report, **68A**, *1449
with others. The syndrome of inappropriate antidiuretic-hormone secretion following spinal fusion, **68A**, *720
with others. The use of computerised tomography in evaluating non-visualised vertebral levels caudad to a complete block on a lumbar myelogram: a review of thirty-two cases, **69A**, *218
Bell, M.J. *with* **Atkins, R.M.** *and* **Sharrard, W.J.W.** Pectoralis major transfer for paralysis of elbow flexion in children, **67B**, *640; **68B**, 156
with **Atkins, R.M.** *and* **Sharrard, W.J.W.** Irreducible congenital dislocation of the knee: aetiology and management, **69B**, *403
with **Hill, R.J.** *and* **McMurtry, R.Y.** Acute injuries to the metacarpophalangeal joint of the thumb: a clinical and radiological study, **68B**, 157
with **Hill, R.J.** *and* **McMurtry, R.Y.** Ulnar impingement syndrome, **67B**, *126; **68B**, 158
with others. Gamekeeper's thumb: a detailed prospective study of functional bracing, **68B**, 856
with others. The results of plating humeral shaft fractures in patients with multiple injuries: the Sunnybrook experience, **67B**, *293
Bell, R.H. *with* **Hawkins, R.J.** *and* **Gurr, K.** The three-part fracture of the proximal part of the humerus: operative treatment, **68A**, *1410
with **Hawkins, R.J.** *and* **Jalaly, B.A.** Total shoulder arthroplasty, **68B**, 848
Bell, R.S. *with* **Mankin, H.J.** *and* **Doppelt, S.H.** Osteomyelitis in Gaucher disease, **68A**, *1380
with others. A study of implant failure in the Wagner resurfacing arthroplasty, **67A**, *1165
Bell, S. Repeat compartment decompression with partial fasciectomy, **68B**, *815
with others. Tibia vara due to fibrocartilaginous dysplasia, **69B**, 163
Bell, S.N. *with others*. Cortical bone grafts with muscle pedicles: an experimental study of survival and ability to bridge a bone gap, **67B**, *804
with others. Tibia vara caused by focal fibrocartilaginous dysplasia: three case reports, **67B**, *780
Bell, W. *with others*. Late repair of the calcaneal tendon with carbon fibre, **66B**, *206
Belle, R. *with* **Bailey, I.** Electrical stimulation for scoliosis, **69B**, 507
Bellemore, M.C. *with* **Cummine, J.I.** The role of bone scans in the assessment of prognosis in acute scaphoid fractures, **65B**, 667
with others. Supracondylar osteotomy of the humerus for correction of cubitus varus, **66B**, *566
Bellenger, C. *with others*. The effects of polysulphated polysaccharide (Arteparon) on articular cartilage proteoglycans from joints of beagles subjected to bilateral medial meniscectomy, **69B**, 165
Bellenger, C.R. *with others*. The effects of postoperative joint immobilisation on articular cartilage degeneration following meniscectomy, **65B**, 671
with others. The effects of exercise on articular cartilage integrity after total bilateral medial meniscectomy in the dog, **68B**, 338
Bellinghausen, H-W. *with others*. Post-traumatic palmar carpal subluxation: report of two cases, **65A**, *998
Belsky, M.R. *with* **Ruby, L.K.** *and* **Stinson, J.** The natural history of scaphoid non-union: a review of fifty-five cases, **67A**, *428
Beltran, J.E. Resection arthroplasty of the patella, **69B**, *604
Beluffi, G. *with others*. Myositis ossificans in the newborn: a case report, **68A**, *456

* Indicates full article or appreciable part

Beluffi, G., (*continued*)
with others. Pathology of infantile cortical hyperostosis (Caffey's disease): report of a case, **67A**, *1417
Ben-Arieh, Y. *with* **Reis, N.D.** Localization of a small tumor in the leg by magnetic resonance imaging: case report, **68A**, *929
Ben-Itzhak, I. *with* **Ben-Meir, G.** *and* **Malkin, C.** A comparative study of three principal operative methods of high tibial osteotomy for the treatment of medial and patellofemoral compartment osteoarthritis of the knee, **68B**, 504
with **Noll, B.J.** *and* **Rossouw, P.** A modified patellar realignment procedure for patellofemoral pain, **68B**, 504
Ben-Meir, G. *with* **Ben-Itzhak, I.** *and* **Malkin, C.** A comparative study of three principal operative methods of high tibial osteotomy for the treatment of medial and patellofemoral compartment osteoarthritis of the knee, **68B**, 504
Benanzio, M. Starvation as a cause of pathological fractures in the elderly, **66B**, 779(*discussion*)
Benazet, J.P. *with* **DesMarchais, J.E.** *and* **Maurais, G.** Treatment of complex fractures of the proximal humerus by Neer hemiarthroplasty, **66B**, 296
with **DesMarchais, J.E.** *and* **Mauriad, G.** Treatment of complex fractures of the proximal humerus by Neer hemiarthroplasty, **66B**, 149
Benbow, A. *with* **de Boer, P.** *and* **Heatley, F.W.** Tibial tubercle advancement for failed patellectomy, **67B**, 156
Bendall, R. *Book reviews*, **69B**, 515
Benedict, F.E. *with* **Miller, E.H.** Stretch of the femoral nerve in a dancer: a case report, **67A**, *315
Beneton, M.N.C. *with others*. Aminohexane diphosphonate for the treatment of Paget's disease of bone, **68B**, 161
Bengtson, A. *with others*. Anaphylatoxin release in association with methylmethacrylate fixation of hip prostheses, **69A**, *46
Benjamin, A. *Book reviews*, **66B**, 621; **67B**, 170
Benjamin, J.B. *with others*. Cementing technique and the effects of bleeding, **69B**, *620
Benke, C.J. *with others*. The Oswestry experience with the ICLH double-cup arthroplasty, **68B**, 160
Benmair, J. *with others*. Magnetic resonance imaging in orthopaedic surgery: a glimpse into the future, **67B**, *659
Bennet, G.C. Excision spinal osteotomy for kyphosis in myelomeningocele, **68B**, 159(*discussion*)
with **Ayoub, M.H.** A study of cutaneous and intracompartmental limb pressures associated with the combined use of tourniquets and plaster casts, **68B**, 497
with **Wellington, P.** Non-accidental injury as a cause of femoral fractures in childhood, **68B**, 155
with others. Attenuation of sound transmission in congenital dislocation of the hip, **69B**, 850
Bennett, J.B. *with* **Rogers, J.F.** *and* **Tullos, H.S.** Management of concomitant ipsilateral fractures of the humerus and forearm, **66A**, *552
Bennett, W.F. *with others*. Anatomy of the junction of the vastus lateralis tendon and the patella, **69A**, *545
Benoit, S. *with others*. Resection of the upper end of the femur in children with spastic quadriplegia, **66B**, 142
Benson, D.R. *Book reviews*, **66A**, 1150
with **Brooke, D.C.** *and* **Burkus, J.K.** Asymptomatic occipito-atlantal instability in Down syndrome (trisomy 21): report of two cases in children, **69A**, *293 *with others*. The rib deformity in adolescent idiopathic scoliosis: a prospective study to evaluate changes after Harrington distraction and posterior fusion, **69B**, *179
with others. The rib hump in adolescent idiopathic scoliosis, **68B**, 159, 512(*corrigendum*)
Benson, M.K.D'A. *Book reviews*, **65B**, 108; **68B**, 513
with Sherman, K.P. *and* Douglas, D.L. Keller's arthroplasty: is distraction useful?, **66B**, *765
with **Bradley, J.** *and* **Wetherill, M.** Splintage for congenital dislocation of the hip: is it safe and reliable?, **69B**, *257
with **Burge, P.** Bilateral congenital pseudarthrosis of the olecranon, **69B**, *460
with **Sherlock, D.A.** *and* **Gibson, P.H.** Congenital subluxation of the hip, **67B**, *390
with **Williamson, D.** The results of late femoral osteotomy for congenital dislocation of the hip, **69B**, 850
with others. Oxford unicompartmental meniscal knee arthroplasty: a preliminary report, **67B**, 848
Bentley, G. *with* **Craig, F.M.** *and* **Archer, C.** The distribution of types I and II collagen and keratan sulphate in the developing joint, **69B**, 497
with others. Cartilage matrix synthesis by human articular chondrocytes in vitro, **69B**, 497
Bentley, G.A. *Book reviews*, **67B**, 515
A new approach to assessment of the ischaemic limb, **67B**, 680
A two-year prospective study of intracapsular femoral neck fractures: mortality and mechanical failure, **68B**, 157(*discussion*)
Ambulatory day case arthroscopy: first three years' experience of day case arthroscopy in the diagnosis and management of disorders of the knee joint, **68B**, 159(*discussion*)
An experience of the signal arm (K-Y) nail, **67B**, 147(*discussion*)
Bentley, G.A. Book reviews, 67b, 515, (*continued*)
Approaching orthopaedic research, **67B**, 673
Articular cartilage changes in chondromalacia patellae, **67B**, *769
Colles' fractures, one year after injury: a prospective study, **68B**, 158(*discussion*)
Combined idiopathic kyphosis and scoliosis: Scheuermann's disease revisited, **67B**, 148(*discussion*)
Day-case closed partial meniscectomy, **67B**, 675(*discussion*)
Diagnostic arthroscopy of the knee in children, **67B**,675(*discussion*)
Displaced intra-articular fractures: an experimental model using the patellae of sheep, **67B**, 679(*discussion*)
Dissolving the lumbar disc, **67B**, 673(*discussion*)
Dorsal wedge osteotomy for the treatment of hallux rigidus, **67B**, 681(*discussion*)
Failures of arthroscopic meniscectomy, **67B**, 158(*discussion*)
Fracture-separation of articular cartilage in the adult knee, **67B**, 158(*discussion*)
Fractures of the lateral condyle of the humerus in children, **67B**, 676(*discussion*)
Functional stability of the knee following ligament reconstruction, **67B**, 152(*discussion*)
Incidence and prevention of deep venous thrombosis, **67B**, 675(*discussion*)
Investigation of the lumbar spinal canal: CT scan or radiculogram, **67B**, 677(*discussion*)
Knee arthrodesis in unfavourable circumstances, **67B**,145(*discussion*)
Late flexible carbon-fibre ligament reconstruction for knee instability, **65B**, 227(*discussion*)
Mechanical factors in the incidence of adolescent patellofemoral pain, **66B**, 280(*discussion*)
Prognosis and classification of epiphysial injuries, **67B**, 677
Revision of infected hip arthroplasty, **65B**, 225(*discussion*)
Supracondylar fractures of the humerus in childhood: results of straight lateral traction, **68B**, 155(*discussion*)
The assessment of trauma management in the Wellington region, **67B**, 680(*discussion*)
The Norwood lecture. Evolution in management of spinal deformity, **67B**, 678
The medial shelf: an anatomical, clinical and pathological study, **66B**, 280(*discussion*)
The treatment of infected total knee replacements, **67B**, 44(*discussion*)
Tibial osteotomy: factors affecting the long-term outcome, **68B**, 160(*discussion*)
Tibial tubercle advancement for failed patellectomy, **67B**, 156(*discussion*)
with **Archer, C.W.** *and* **Bayliss, M.T.** Proteoglycan synthesis in adult human chondrocytes *in vitro*: effects of cell density, **68B**, 495
with **Aston, J.E.** Repair of articular surfaces by allografts of articular and growth-plate cartilage, **68B**, *29
with **Aston, J.E.** Repair of normal and arthritic articular surfaces by allografts of articular and epiphysial cartilage, **67B**, 317
with **Chadwick, C.J.** Prognosis and classification of epiphysial injuries, **67B**, 148
with **Dorgan J.C.** *and* **Abbot, T.R.** Intra-operative awakening to monitor spinal cord function during scoliosis surgery, **66B**, *716
with **Dowd, G.S.E.** *and* **Linge, K.** Measurement of transcutaneous oxygen pressure in normal and ischaemic skin, **65B**, *79
with **Dowd, G.S.E.** Radiographic assessment in patients with patellofemoral pain, **67B**, 155
with **Dowd, G.S.E.** Radiographic assessment in patellar instability and chondromalacia patellae, **68B**, *297
with others. Distribution of alkaline phosphatase activity in experimentally produced callus in rats, **68B**, *629
with others. The role of computerised tomography in intervertebral disc prolapse, **68B**, *729
with others. Transcutaneous oxygen levels and stump healing in lower limb amputation for peripheral vascular disease, **66B**, 290
Bentley, K. *with* **Pirani, S.P.** *and* **Schweigel, J.F.** Intravenous contrast enhancement in CT differentiation between recurrent disc herniation and postoperative root scar: specificity, sensitivity and predictive values, **69B**, 510
Benz, R. *with others*. Association of sciatica-like pain and Addison's disease: a case report, **66A**, *297
Berenstein, M. *with* **Schajowicz, F.** *and* **Araujo, E.S.** Sarcoma complicating Paget's disease of bone: a clinicopathological study, **65B**, *299
Beresford, J.N. *with others*. Effects of vitamin D metabolites on human osteoblast-like cells *in vitro*, **66B**, 288
Berg, E. *with others*. The coracoid transfer for recurrent dislocation of the shoulder: technical aspects of the Bristow-Latarjet procedure, **65A**, *926
Berg, E.E. A reappraisal of metatarsus adductus and skewfoot, **68A**, *1185
Berg, J.S.V. *with others*. Flexor tendon healing and restoration of the gliding surface: an ultrastructural study in dogs, **65A**, *70
Bergfield, J.A. *with others*. Anterior cruciate reconstruction using the Jones-Ellison procedure, **67A**, *1029
Bergman, B. *with others*. Tibial condylar fractures: a twenty-year follow-up, **68A**, *13

Bergman, G.D. *with others.* Subtrochanteric fracture of the femur: fixation using the Zickel nail, **69A**, *1032
Bergoin, M. A revised skin incision for operations on the posterior iliac crest and sacro-iliac joint, **66B**, 146(*discussion*)
with others. Epidemiology of disorders of the foot in the child and adult amenable to surgical treatment, **66B**, 142
Berkeley, M.E. *with others.* Surgical therapy for congenital dislocation of the hip in patients who are twelve to thirty-six months old, **66A**, *412
Berkin, C.R. *with* **Deacon, P.** *and* **Dickson, R.A.** Combined idiopathic kyphosis and scoliosis: an analysis of the lateral spinal curvatures associated with Scheuermann's disease, **67B**, *189
with **Deacon, P.** *and* **Dickson, R.A.** Combined idiopathic kyphosis and scoliosis: Scheuermann's disease revisited, **67B**, 148
with others. Bi-planar spinal asymmetry: the pathogenesis of idiopathic scoliosis, **66B**, 143
with others. Combined median and coronal plane asymmetry: the essential lesion of progressive idiopathic scoliosis, **65B**, 368
Berkowitz, H. *with others.* Indications for the treatment of deep venous thrombosis following total knee replacement, **66A**, *202
Berman, A.T. *with* **Johnson, M.D., III** The use of the Hickman catheter in orthopaedic infections, **67A**, *650(*brief note*)
with others. Quantitative gait analysis after unilateral or bilateral total knee replacement, **69A**, *1340
Berman, L. *with* **Klenerman, L.** Ultrasound in the screening and management of hip displacement, **69B**, 490
with **Mitchell, R.** *and* **Katz, D.** Ultrasound assessment of femoral anteversion: a comparison with computerised tomography, **69B**, *268
Bernard, A.A. *with* **Brooks, S.** the role of trochanteric wire revision after total hip replacement, **69B**, *352
with **O'Hara, J.N.** *and* **Dwyer, N.StJ.P.** Congenital dislocation of the hip: open reduction by the medial approach in infancy, **68B**, 668
Bernard, T.N., Jr. *with* **Johnson, C.E., II.** Late complications due to wire breakage in segmental spinal instrumentation: report of two cases, **65A**, *1339; **66A**, 967(*correspondence*)
Bernini, P.A. *with others.* The use of epidural steroids in the treatment of lumbar radicular pain: a prospective, randomized, double-blind study, **67A**, *63
Bernstein, R. *with others.* Condensing osteitis of the clavicle: a case report, **66A**, *1484
Berquist, T.H. *with* **Fitzgerald, R.H.,Jr.** Magnetic resonance imaging, **68A**, *799(*editorial*)
Berrettoni, B.A. *with* **Carter, J.R.** Mechanisms of cancer metastasis to bone, **68A**, *308(*current concepts review*)
Berrey, B.H. *with others.* Diagnosis of infection by preoperative scintigraphy with indium-labeled white blood cells, **69A**, *1353
Berridge, D. *with others.* Long-term review of Ring total hip arthroplasty, **68B**, 669
Berry, E.W. *with* **Tietjens, B.R.** *and* **Gray, D.H.** Avascular necrosis of the femoral head in a mild haemophiliac, **67B**, 675
with **Tietjens, B.R.** Modern management including musculoskeletal complications of haemophilia, **65B**, 519
Berry, J.L. *with others.* 25-OHD levels in institutionalised groups, **65B**, 92
Berry, N.R. *with* **Horne, J.G.** Iso-elastic hip arthroplasty: early experience, **68B**, 677
Bertin, K.C. *with* **Horstman, J.** *and* **Coleman, S.S.** Isolated fracture of the lesser trochanter in adults: an initial manifestation of metastatic malignant disease, **66A**, *770
with others. Stemmed revision arthroplasty for aseptic loosening of total knee replacement, **67B**, *242
Bertoia, J.T. *with others.* Anterior cruciate reconstruction using the MacIntosh lateral-substitution over-the-top repair, **67A**, *1183
Bertoni, F. *with* **Present, D.** *and* **Enneking, W.F.** Giant-cell tumor of bone with pulmonary metastases, **67A**, *890
with others. Adjuvant chemotherapy for malignant fibrous histiocytoma in the femur and tibia, **67A**, *620
with others. Benign fibrous histiocytoma of bone, **68A**, *1225
with others. Desmoplastic fibroma of bone, **66B**, *265
with others. Giant-cell tumor of bone in skeletally immature patients, **65A**, *486
with others. Parosteal osteosarcoma, **66B**, *313
with others. Periosteal chondroma: a review of twenty cases, **65A**, *205
with others. The meaning of radiolucencies in parosteal osteosarcoma, **67A**, *901
Bertram, J. Dome osteotomy of the tibia in the treatment of osteoarthritis of the knee, **67B**, 145(*discussion*)
Radiographic assessment in patients with patellofemoral pain, **67B**, 156(*discussion*)
Besser, M.I. *with others.* Idiopathic transient osteoporosis of the hip, **69B**, *769
Best, J.J.K. *with others.* Prediction of fracture healing in the tibia by quantitative radionuclide imaging, **69B**, *441
with others. The prediction of non-union in tibial fractures using quantitative bone-scanning and fracture shift, **67B**, 146
with others. The prediction of non-union in tibial fractures using quantitative bone scanning and fracture shift, **66B**, 287
Betts, F. *with others.* Mineral parameters in early fracture repair, **66A**, *1289
Betts, R. *with others.* The long-term results of surgical management of paralytic pes cavus by soft-tissue release and tendon transfer, **69B**, 499
Betts, R.P. *with others.* An operation for Freiberg's disease, **67B**, 671
with others. Neuropathic ulcers of the foot, **67B**, *438
with others. Plantar pressure measurements and the prevention of ulceration in the diabetic foot, **67B**, *79
Betz, R.R. *with others.* Iliofemoral fusion for proximal femoral focal deficiency, **69A**, *837
with others. Scoliosis and pregnancy, **69A**, *90
Beukes, C.A. *with* **Shipley, J.A.** Haemosiderosis, osteopenia and vertebral collapse, **68B**, 508
Beverland, D.E. *with others.* Vibration arthrography in the diagnosis of internal diseases of the knee, **67B**, 844
with others. Vibration arthrography as a diagnostic aid in diseases of the knee: a preliminary report, **69B**, *288
with others. What is patellofemoral crepitus?, **68B**, 496
Beverley, M.C. *with* **Pflug, J.J.** *and* **Mathie, R.T.** The cancellous bone blood pump, **69B**, 492
with **Pflug, J.J.** *and* **Mathie, R.T.** Bone: a flexible perfused sponge?, **69B**, 494
Beverly, M.C. *with* **Hutton, W.C.** *and* **Horan, F.T.** Load cell analysis following Silastic arthroplasty, **69B**, 158
Bhansali, R.B. *with* **Bhansali, R.M.** Accessory abductor hallucis causing entrapment of the posterior tibial nerve, **69B**, *479(*brief report*)
Bhansali, R.M. *with* **Bhansali, R.B.** Accessory abductor hallucis causing entrapment of the posterior tibial nerve, **69B**, *479(*brief report*)
Bhatti, N.A. *with others.* Cephalosporins for prophylaxis in operative repair of femoral fractures: levels in serum, muscle and hematoma, **67A**, *921; **68A**, 313
Bianco, A.J. *with others.* Total hip arthroplasty in adolescents, **66B**, 301
Bicknell, V.L. *with* **Bartel, D.L.** *and* **Wright, T.M.** The effect of conformity, thickness, and material on stresses in ultra-high molecular weight components for total joint replacement, **68A**, *1041
Biden, E. *with others.* Mechanical interactions between the muscles and the cruciate ligaments in the human knee, **67B**, 318
Bieber, E.J. *with* **Strecker, W.B.** *and* **Wood, M.B.** Compartment syndrome masked by epidural anesthesia for postoperative pain: report of a case, **68A**, *1447
with **Weiland, A.J.** *and* **Volenec-Dowling, S.** Silicone-rubber implant arthroplasty of the metacarpophalangeal joints for rheumatoid arthritis, **68A**, *206
Bierwagen, D. *with* **Baker, B.E.** Rupture of the distal tendon of the biceps brachii: operative versus non-operative treatment, **67A**, *414
Bigelow, D.R. The hyperplastic patella, its diagnosis and clinical significance, **66B**, 305
Biggart, J.D. *with* **Mollan, R.A.B.** *and* **Craig, B.F.** Chronic sclerosing osteomyelitis, **66B**, *583
Bigliani, L.U. *with* **Perez-Sanz, J.R.** *and* **Wolfe, I.N.** Treatment of trapezius paralysis, **67A**, *871; **68A**, 951(*correspondence*)
with others. The use of pulsing electromagnetic fields to achieve arthrodesis of the knee following failed total knee arthroplasty: a preliminary report, **65A**, *480
Bijvoet, O.L.M. *with* **Reitsma, P.H.** *and* **Boonekamp, P.M.** Differential actions of bisphosphonates on macrophage-mediated bone resorption, **65B**, 94
Bilfield, B.S. *with others.* Diagnosis of meniscal tears using high-resolution computed tomography: correlation with arthroscopy, **69A**, *498
Bilos, Z.J. *with others.* Anatomical basis for repair of ulnar and median nerves in the distal part of the forearm by group fascicular suture and nerve-grafting, **68A**, * 273
Binazzi, R. *with others.* Successive bilateral total knee replacement, **67A**, *573
Binet, O. *with others.* Dermatitis due to orthopaedic implants: a review of the literature and report of three cases, **69A**, *1408
Binnendijk, B. *with* **Klasen, H.J.** Fracture of the neck of the femur associated with posterior dislocation of the hip, **66B**, *45
Binzus, G. *with* **Weh, L.** *and* **Rehder, U.** Histomorphometric, metabolic and mechanical properties of osteoarthritic cartilage, **67B**, 843
Birch, R. *Book reviews*, **66B**, 153, **67B**, 171; **68B**, 343, 859, 860
Lesions of peripheral nerves: the present position, **68B**, *2
with **Cavanagh, S.P.** *and* **Bonney, G.** The infraclavicular brachial plexus: the case for primary repair, **69B**, 489
with **Dorrell, J.H.** *and* **Bonney, G.L.W.** The role of vascularisation of ulnar nerve grafts in complete lesions of the brachial plexus, **67B**, 494
with others. Peripheral nerve injuries, **68B**, *2(*symposium*)
Bircher, M. *with others.* Is there any place for fusion in simple backache?, **67B**, 151
Bircher, M.D. *with others.* Discitis following lumbar surgery, **68B**, 158
Bird, C.B. *with* **McCoy, J.W., Jr.** Weight-lifting as a cause of compartment syndrome in the forearm: a case report, **65A**, *406
Bird, M.D.T. *with* **Sweet, M.B.E.** A system of canals in semilunar menisci, **69B**, 684

* Indicates full article or appreciable part

Birnie, R.H. *with* **van der Westhuizen, C.A.** Evaluation of femoral osteotomy in the treatment of Legg–Calvé– Perthes disease, **68B**, 502
Bishop, A. *with others*. Metastatic osteosarcoma and multiple lung resection: a case report, **68B**, *748
Biswas, S.P. *with* **Taylor, A.R.** Significance of the immediate postoperative complications on the failure of the Geomedic knee replacement in patients with rheumatoid arthritis, **67B**, 489
Bitensky, L. *with others*. Alterations in the bone quality of patients with proximal femoral fractures, **68B**, 839
with others. Changes in crystal size and orientation of acidic glycosaminoglycans at the fracture site in fractured necks of femur, **65B**, *189
with others. Changes in optical properties of the inorganic and organic bone matrix components in fractured neck of femur, **65B**, 90
with others. Interference with the vitamin K_1 cycle in fracture healing, **65B**, 365
with others. Major components of bone in subcapital and trochanteric fractures: a comparative study, **69B**, *234
with others. The acute effect of loading on bone tissue in vivo: a possible signal for mechanical control of bone remodelling, **68B**, 840
Bivas, A. *with others*. Effect of intense physical activity on the bone-mineral content in the lower limbs of young adults, **68A**, *1090
Bjerg-Nielsen, A. *with* **Larsen, E.** *and* **Christensen, P.** Conservative or surgical treatment of acromioclavicular dislocation: a prospective, controlled, randomized study, **68A**, *552
Black, G.B. *with* **McPherson, J.** *and* **Reed, M.H.** Traumatic "pseudodislocation" of the acromioclavicular joint in children, **69B**, 507
with **Rogalsky, R.J.** *and* **Reed, M.H.** Orthopaedic manifestations of leukaemia in children, **68A**, *494
with **Rogalsky, R.J.** *and* **Reed, M.H.** Orthopaedic manifestations of leukaemia in children, **69B**, 506
with others. A review of the Manitoba school screening programme for scoliosis and its influence on surgical treatment, **68B**, 855
Black, M.M. *with others*. Vascularity and mechanical strength in healing fractures, **65B**, 658
Black, R. *with others*. Technical aspects of lumbar stabilisation with Luque instrumentation for low-back problems, **66B**, 299
Blackburn, N. *with* **Rang, M.** The use of drill osteoclasis in correction of the malunited forearm fracture, **66B**, 302
with **Thomas, C.** *and* **Rang, M.** Tarsal coalitions presenting with pain, **68B**, 155
Blair, W.F. *with* **Coleman, D.A.** *and* **Shurr, D.** Resection of the radial head for fracture of the radial head, **69A**, *385
with **Shurr, D.G.** *and* **Buckwalter, J.A.** Metacarpophalangeal joint implant arthroplasty with a Silastic spacer, **66A**, *365
Blamoutier, J. *with others*. Dermatitis due to orthopaedic implants: a review of the literature and report of three cases, **69A**, *1408
Blanchette, M.H. *with* **St-Cyr, Y.** Orthopaedic deformities in agenesis of the corpus callosum and polyneuropathy, **66B**, 302
Blasier, D. *with others*. Metastatic osteosarcoma and multiple lung resection: a case report, **68B**, *748
Bleck, E.E. Idiopathic chondrolysis of the hip, **65A**, *1266
Blick, S.S. *with others*. Compartment syndrome in open tibial fractures, **68A**, *1348
Bliss, D. *with* **Menelaus, M.B.** *and* **Cole, W.G.** The heterogeneity of non-specific chronic osteomyelitis in childhood, **69B**, 163
Bliss, D.G. *with* **McBride, G.G.** The treatment of infected total knee arthroplasties, **68B**, 333
with **Menelaus, M.B.** The results of transfer of the tibialis anterior to the heel in patients who have a myelomeningocele, **68A**, *1258
Bliss, P. *with others*. Bi-planar spinal asymmetry: the pathogenesis of idiopathic scoliosis, **66B**, 143
with others. Combined median and coronal plane asymmetry: the essential lesion of progressive idiopathic scoliosis, **65B**, 368
Bloch, B. Benefit analysis of total joint replacements, **65B**, 102
Blockey, N. Unilateral facet dislocation of the cervical spine, **66B**, 147(*discussion*)
Blockey, N.J. A long-term review of tibialis anterior tendon transfer in congenital club foot, **67B**, 490(*discussion*)
A new aid in diagnosis of congenital dislocation of the hip, **66B**, 281(*discussion*)
A prospective study of the treatment of acromioclavicular dislocation, **66B**, 279(*discussion*)
Acute haematogenous osteomyelitis: high dose antibiotic treatment, **66B**, 145(*discussion*)
An *in vitro* investigation into the biomechanical staus of nylon cerclage bands, **66B**, 278(*discussion*)
Anterior fusion in scoliosis: Zielke technique, **66B**, 284(*discussion*)
Chronic osteomyelitis: an unusual variant, **65B**, *120
Computerised tomography of the anterior cruciate ligament, **66B**, 282(*discussion*)
Derotation osteotomy in the management of congenital dislocation of the hip, **66B**, *485; **67B**, 492
Electrical stimulation in the treatment of congenital pseudarthrosis of the tibia, **66B**, 283(*discussion*)
Femoral fractures in relation to cemented hip prostheses, **66B**, 278(*discussion*)
Blockey, N.J., (*continued*)
Fractures of the radial head: early aspiration and mobilisation, **66B**, 141(*discussion*)
Neurogenic claudication treated with calcitonin, **66B**, 279(*discussion*)
Osteoid osteoma and osteoblastoma of the spine **66B**, 278(*discussion*)
Patellofemoral malfunction following Attenborough total knee replacement, **66B**, 147(*discussion*)
Preliminary report on the use of bovine xenografts in knee instability problems, **66B**, 282(*discussion*)
The role of electrical stimulation in healing of tibial fractures, **66B**, 283(*discussion*)
with **Murphy, A.V.** *and* **Mocan, H.** Management of rachitic deformities in children with chronic renal failure, **68B**, *791
Bloebaum, R.D. *with others*. Normal human synovial fluid: osmolality and exercise-induced changes, **67A**, *1336
Blokker, C. *with others*. Surgical synovectomy in the treatment of chronic haemophilic arthropathy, **66B**, 302
Bloom, R.A. *with others*. Spondylosis in the upper lumbar spine: a study of 32 patients, **69B**, *582
Blumenfeld, T.S. *with others*. Radiographic features of the spine in fluoride therapy for osteoporosis, **69B**, *190
Boal, D.K. *with others*. Traumatic atlanto-occipital joint: case report, **68A**, *1106
Boardman, K. *with* **Murray, A.** The design of an electronic monitor to aid the safer use of pneumatic tourniquet machines, **69B**, 157
Bobechko, W.P. *with* **Grogan, D.P.** *and* **Stanley, E.A.** The congenital undescended scapula: surgical correction by the Woodward procedure, **66B**, 302
with **Grogan, D.P.** *and* **Stanley, E.A.** The congenital undescended scapula: surgical correction by the Woodward procedure, **65B**, *598
with **Grogan, D.P.** Pathogenesis of a fracture of the distal femoral epiphsis: a case report, **66A**, *621
Bobyn, J.D. *with* **Engh, C.A.** *and* **Glassman, A.H.** Porous-coated hip replacement: the factors governing bone ingrowth, stress shielding, and clinical results, **69B**, *45
with others. Excessive metal release due to loosening and fretting of sintered particles on porous-coated hip prostheses: report of two cases, **68A**, *606
Bode, H.H. *with others*. Association of sciatica-like pain and Addison's disease: a case report, **66A**, *297
Bodel, J.G. *with* **Stephen, J.P.** Luque rods in the treatment of kyphosis in myelomeningocele, **65B**, 98
Boden, S.D. *with others*. Metatrophic dwarfism: uncoupling of endochondral and perichondral growth, **69A**, *174
Bodiwala, G.G. *with others*. The diagnosis and management of chronic compartment syndromes of the leg, **66B**, 276
Bodnas, L.M. Lyon K. Loomis, **65A**, 1354(*obituary*)
Boe, S. *with* **Hansen, H.** Arthroscopic partial meniscectomy in patients aged over 50, **68B**, *707(*brief report*)
Boeckstyns, M. *with others*. Prophylactic antibiotics in amputation of the lower extremity for ischemia: a placebo-controlled, randomized trial of cefoxitin, **67A**, *800
Boester, G.A. *with others*. Isokinetic strength of the shoulder after replacement of a torn rotator cuff, **69A**, *1041
Boeyens, M.C. *with others*. Fat embolism and the fat embolism syndrome: a double-blind therapeutic study, **69B**, *128
Boger, D.C. *with others*. Unilateral facet dislocation at the lumbosacral junction: case report and literature review, **65A**, *1174
Bogues, B.A. *with others*. A new aid in diagnosis of congenital dislocation of the hip, **66B**, 281
with others. A new aid in the diagnosis of congenital dislocation of the hip, **65B**, 656
Bohlman, H. *with others*. Failure of stabilization of the spine with methylmethacrylate: a retrospective analysis of twenty-four cases, **69A**, 1109(*correspondence*)
Bohlman, H.H. *Book reviews*, **66A**, 477; **68A**, 157
Low back pain: clinical diagnosis and management, **66A**, 1144(*correspondence*)
Treatment of fractures and dislocations of the thoracic and lumbar spine, **67A**, *165(*current concepts review*)
with **Freehafer, A.** *and* **Dejak, J.** The results of treatment of acute injuries of the upper thoracic spine with paralysis, **67A**, *360
with **Goodfellow, D.B.** Robinson anterior cervical discectomy and fusion: long-term results of 103 patients, **66B**, 298
with **McAfee, P.C.** *and* **Regan, J.J.** Cervical cord compression from ossification of the posterior longitudinal ligament in non-orientals, **69B**, *569 *with* **Wertheim, S.B.** Occipitocervical fusion: indications, technique, and long-term results in thirteen patients, **69A**, *833
with **McAfee, P.C.** *and* **Yuan, H.A.** Anterior decompression of traumatic thoracolumbar fractures with incomplete neurological deficit using a retroperitoneal approach, **67A**, *89
with **McAfee, P.C.** Complications following Harrington instrumentation for fractures of the thoracolumbar spine, **67A**, *672
with **Pattee, G.A.** *and* **McAfee, P.C.** Compression of a sacral nerve as a complication of screw fixation of the sacro-iliac joint: a case report, **68A**, *769

* Indicates full article or appreciable part

Bohlman, H.H., (*continued*)
with **Rechtine, G.R.** *and* **Reinert, C.M.** The use of epidural morphine to decrease postoperative pain in patients undergoing lumbar laminectomy, **66A**, *113
with **Sobel, J.W.** *and* **Freehafer, A.A.** Charcot's arthropathy of the spine following spinal cord injury: a report of five cases, **67A**, *771
with others. Failure of stabilization of the spine with methylmethacrylate: a retrospective analysis of twenty-four cases, **68A**, *1145
with others. Primary neoplasms of the cervical spine: diagnosis and treatment of twenty-three patients, **68A**, *483
with others. Pyogenic and fungal vertebral osteomyelitis with paralysis, **65A**, *19
with others. Pyogenic osteomyelitis of the occiput, the atlas, and the axis: a report of five cases, **69A**, *1069
with others. The anterior retropharangeal approach to the upper part of the cervical spine, **69A**, *1371
Bohn, W.W. *with* **Coleman, C.R.** Streptococcal gangrene mimicking a compartment syndrome: a case report, **67A**, *1125
Bokor, D.J. *with* **Cross, M.J.** An evaluation of the results of arthroscopic chondroplasty for chondromalacia patellae, **68B**, 337
Boland, A. *Book reviews*, **67A**, 1150
Bolander, M.E. *with* **Balian, G.** The use of demineralized bone matrix in the repair of segmental defects: augmentation with extracted matrix proteins and a comparison with autologous grafts, **68A**, *1264
Bolender, N-F. *with* **Schönström, N.S.R.** *and* **Spengler, D.M.** Role of computed tomography and myelography in the diagnosis of central spinal stenosis, **67A**, *240
Bolton-Maggs, B.G. Glenoid osteotomy for recurrent posterior dislocation of the shoulder, **67B**, 496(*discussion*)
with **Coates, C.J.** *and* **Helal, B.H.** Interpositional arthroplasty in the management of the rheumatoid elbow, **69B**, 488
with **Crabtree, S.D.** The opposite hip in congenital dislocation of the hip, **65B**, *279
with **Helal, B.H.** *and* **Revell, P.A.** Bilateral avascular necrosis of the capitate, **66B**, *557
with **Sudlow, R.A.** *and* **Freeman, M.A.R.** Total ankle arthroplasty: a long-term review of The London Hospital experience, **67B**, *785
with **Sudlow, R.A.** The ICLH ankle replacement: a follow-up study, **66B**, 773
Bombelli, R. *with* **de Klerk, A.J.** Cementless fixation of the acetabular component in total hip arthroplasty, **66B**, 447
with others. Osteonecrosis of the hip treated by intertrochanteric osteotomy: a 4-to 15-year follow-up, **69B**, 502
Bonamo, J.J. *with* **Krinick, R.M.** *and* **Sporn, A.A.** Rupture of the patellar ligament after use of its central third for anterior cruciate reconstruction: a report of two cases, **66A**, *1294
Bonci, C. *with others.* A modified Bristow–Helfet–May procedure for recurrent dislocation and subluxation of the shoulder: report of two hundred and twelve cases, **69A**, *904
Bond, S.D. *with* **Broom, M.J.** *and* **Krompinger, W.J.** Fracture of the atlantal arch causing atlanto-axial instability: report of a case, **68A**, *1289
Bone, L. *with* **Bucholz, R.** The management of fractures in the patient with multiple trauma, **68A**, *945(*current concepts review*)
Bone, L.B. *with* **Bucholz, R.W.** The management of fractures in the patient with multiple trauma, **69A**, 152(*correspondence*)
with **Johnson, K.D.** Treatment of tibial fractures by reaming and intramedullary nailing, **68A**, *877
Bonfait, H. *with others.* Fractured odontoid with fractured superior articular process of the axis: report of three cases, **68B**, *182
Bonfield, W. *with others.* The elasticity of subchondral bone and the aetiology of osteoarthritis, **67B**,843
Bonfiglio, M. *Book reviews*, **65A**, 573, 1037; **66A**, 812, 1502
Book reviews, **69A**, 798
Core decompression of the femoral head for osteonecrosis, **69A**, 1107(*correspondence*)
Osteonecrosis, **69A**, 1107(*correspondence*)
with **Buckwalter, J.A.** *Book reviews*, **67A**, 989
with **Campbell, C.J.** C. Howard Hatcher, **65A**, 713(*obituary*)
with others. The malignant potential of enchondromatosis, **69A**, *269
Bonjean, M. *with others.* Bone histology in adults with aseptic necrosis: histomorphometric evaluation of iliac biopsies in seventy-seven patients, **65A**, *1319
Bonnarens, F. *with* **Einhorn, T.A.** *and* **Burstein, A.H.** The contributions of dietary protein and mineral to the healing of experimental fractures: a biomechanical study, **68A**, *1389
Bonney, G. Iatrogenic injuries of nerves, **68B**, *9
with **Cavanagh, S.P.** *and* **Birch, R.** The infraclavicular brachial plexus: the case for primary repair, **69B**, 489
with **King, R.J.** Analysis of 82 thoracic-outlet explorations, **65B**, 218
with **Williams, J.P.R.** Trans-oral approach to the upper cervical spine: a report of 16 cases, **67B**, *691
with others. Peripheral nerve injuries, **68B**, *2(*symposium*)
Bonney, G.L.W. *with* **Dorrell, J.H.** *and* **Birch, R.** The role of vascularisation of ulnar nerve grafts in complete lesions of the brachial plexus, **67B**, 494
Bonteoux, D. *with others.* Metastases of a lingual epidermoid carcinoma in a femur affected by Paget disease: report of a case, **69A**, *1440
Bonutti, P.M. *with* **Bell, G.R.** Compartment syndrome of the foot: a case report, **68A**, *1449
Boobbyer, G.N. *with* **MacKecknie-Jarvis, A.** Chondromalacia in adolescents: its relationship to limb maltorsion in 692 knees, **66B**, 279
Boome, R.S. Brachial plexus repair in babies and young children, **66B**, 451
Injury to the musculocutaneous nerve as a complication of operations for recurrent dislocation of the shoulder, **66B**, 449(*discussion*)
Nerve injuries associated with closed fractures and dislocations: the case for early surgical exploration, **66B**, 458(*discussion*)
Neurolysis for peripheral nerve injuries in continuity: the indications, techniques and results, **66B**, 460
Boonekamp, P.M. *with* **Reitsma, P.H.** *and* **Bijvoet, O.L.M.** Differential actions of bisphosphonates on macrophage-mediated bone resorption, **65B**, 94
Booth, A. *with* **McNicol, D.** *and* **Lomas, F.** Gallium-67: its place in orthopaedic nuclear imaging, **66B**, 781
Booth, R.E. *with others.* Recurrent posterior dislocation of the shoulder: treatment using a bone block, **67A**, *777
Booth, R.E., Jr. *with* **Stambough, J.L.** *and* **Rothman, R.H.** Transient hypercorticism after epidural steroid injection: a case report, **66A**, *1115
with others. The use of epidural steroids in the treatment of lumbar radicular pain: a prospective, randomized, double-blind study, **67A**, *63
Borenstein, S. A psychological investigation of patients with lower back pain, **65B**, 101
Boriani, S. *with* **Campanacci, M.** *and* **Laus, M.** Multiple non-ossifying fibromata with extraskeletal anomalies: a new syndrome?, **65B**, *627
with others. Giant-cell tumor of bone, **69A**, *106
with others. Periosteal chondroma: a review of twenty cases, **65A**, *205
Borns, P.F. *with others.* Experience of real-time ultrasound of the infant hip joint, **67B**, 149
with others. Real-time ultrasound in the diagnosis of congenital dislocation and dysplasia of the hip, **67B**, *406
Borris, L.C. *with* **Helleland, H.** Growth disturbance of the hind part of the foot following osteomyelitis of the calcaneus in the newborn: a report of two cases, **68A**, *302
Bos, G.D. *with others.* Immune responses of rats to frozen bone allografts, **65A**, *239
with others. Improved acceptance of frozen bone allografts in genetically mismatched dogs by immunosuppression, **66A**, *937
with others. The effect of histocompatibility matching on canine frozen bone allografts, **65A**, *89
Bosacco, S.J. *with others.* Quantitative gait analysis after unilateral or bilateral total knee replacement, **69A**, *1340
Bösch, P. *with* **Lack, W.** *and* **Arbes, H.** Chronic osteomyelitis treated by cancellous homografts and fibrin adhesion, **69B**, *335
Bose, K. *with* **Nather, A.** *and* **Balasubramanian, P.** Fracture healing in a large avascular segment of bone, **67B**, 159
with others. Surface morphology of Asian cadaveric hips, **67B**, *225
Boss, J. *with others.* Histological response to carbon fibre, **67B**, *645
Bosse, M.J. *with* **Brumback, R.J.** *and* **Burgess, A.R.** Intramedullary stabilization of humeral shaft fractures in patients with multiple trauma, **68A**, *960
with others. The natural history of scaphoid non-union, **66A**, *504
Bossers, G.T.M. *with* **Styblo, K.** *and* **Slot, G.H.** Spinal correction osteotomy of progressive kyphosis caused by ankylosing spondylitis, **68B**, 679
Bossley, C.J. Closed partial meniscectomy for mechanical symptoms: early results, **65B**, 517(*discussion*)
Establishing and running a free-standing day case surgical unit, **68B**, 677
Incidence and prevention of deep venous thrombosis, **67B**, 675(*discussion*)
Internal fixation of subtrochanteric fractures of the femur in young adults, **67B**, 680(*discussion*)
Ultrasonic evaluation of flexor tendon rupture, **66B**, 609(*discussion*)
with **Wilson, J.N.** Osteotomy in the treatment of osteoarthritis of the first carpometacarpal joint, **65B**, *179
Böstman, O. *with* **Riska, E.B.** *and* **Myllynen, P.** Anterolateral decompression for neural involvement in thoracolumbar fractures: a review of 78 cases, **69B**, *704
with others. Biodegradable internal fixation for malleolar fractures: a prospective randomised trial, **69B**, *615
Böstman, O.M. *with* **Holmström, T.** *and* **Riska, E.B.** Osteosarcoma arising in a melorheostotic femur: a case report, **69A**, *1232
Spiral fractures of the shaft of the tibia: initial displacement and stability of reduction, **68B**, *462
Boston, D.A. *with* **Harley, J.M.** Acetabular cup failure after total hip replacement, **67B**, *222
with others. Ascorbic acid levels in fractures of the neck of the femur, **69B**, 158

* Indicates full article or appreciable part

Botte, M.J. *with* **Byrne, T.P.** *and* **Garfin, S.R.** Application of the halo device for immobilization of the cervical spine utilizing an increased torque pressure, **69A**, *750
with **Garfin, S.R.** *and* **Nickel, V.L.** Complications in the use of the halo fixation device, **69A**, 954(*correspondence*)
with others. Carpal tunnel syndrome: an evaluation of the provocative diagnostic tests, **68A**, *735
with others. Complications in the use of the halo fixation device, **68A**, *320
with others. Results of transfer of the flexor digitorum superficialis tendons to the flexor digitorum profundus tendons in adults with acquired spasticity of the hand, **69A**, *1127
Bottenburg, H.V. *with others.* Luque segmental spinal instrumentation for scoliosis: a preliminary clinical and biomedical report, **66B**, 284
Boughey, W.N. The Oxford clubfoot programme, **66B**, 142(*discussion*)
Bouillon, L. *with* **Choy, F.** *and* **Laurin, C.A.** Detection and diagnosis of Gaucher's disease prior to the onset of skeletal lesions, **66B**, 302
Boulton, A.J.M. *with others.* Plantar pressure measurements and the prevention of ulceration in the diabetic foot, **67B**, *79
Bour, C.J. *with* **Jupiter, J.B.** *and* **May, J.W., Jr.** The reconstruction of defects in the femoral shaft with vascularized transfers of fibular bone, **69A**, *365
Bourne, R.B. *with* **Harris, W.H.** *and* **Oh, I.** The femoral cement compactor: an improvement in cementing technique in total hip replacement, **65A**, *1335
with **Rorabeck, C.H.** *and* **Nott, L.** Cemented vs non-cemented total hips: a preliminary report, **69B**, 508
with **Rorabeck, C.H.** The results of revision total knee arthroplasty using contemporary techniques, **68B**, 854
with **Rorabeck, C.H.** *and* **Fowler, P.J.** The surgical treatment of exertional compartment syndrome in athletes, **65A**, *1245
with **Rorabeck, C.H.** *and* **Macnab, J.** Intra-articular fractures of the distal tibia: the pilon fracture, **66B**, 295
with others. A prospective comparison of the cemented Kinematic II and cementless PCA total knee replacements, **69B**, 505 *with others.* Stability of ten configurations of the Hoffman external-fixation frame, **69A**, *734
with others. A six-year follow-up of infected total hip replacements managed by Girdlestone's arthroplasty, **66B**, *340
with others. Ankle arthrodesis: a five year follow-up, **67B**, 326
with others. The effect of medial meniscectomy on strain distribution in the proximal part of the tibia, **66A**, *1431
with others. Total condylar and Oxford total knee replacements: a 3.3 year comparison, **67B**, 331
Bourne, W.B. *with* **Ackland, M.K.** *and* **Uhthoff, H.K.** Anteversion of the acetabular cup: measurement of angle after total hip replacement, **68B**, *409
Bousquet, G. *with others.* Cementless salvage of failed total hip arthroplasty: four years' experience with the ceramic coated Bousquet prosthesis, **69B**, 509
with others. The intramedullary screwed hip prosthesis: the reimplantation of loose or infected prostheses, **66B**, 300
Bouvier, J. *with others.* The intramedullary screwed hip prosthesis: the reimplantation of loose or infected prostheses, **66B**, 300
Bowden, R.E.M. *Book reviews*, **67B**, 166
Book reviews, **69B**, 172, 515
with **Raji, A.R.M.** Effects of high-peak pulsed electromagnetic field on the degeneration and regeneration of the common peroneal nerve in rats, **65B**, *478
Bowen, A'D. Plastic bowing of the clavicle in children: a report of two cases, **65A**, *403
Bowen, J.R. *with* **Foster, B.K.** Results at maturity in Perthes' disease, **65B**, 101
with **Kasser, J.R.** *and* **MacEwen, G.D.** Varus derotation osteotomy in the treatment of persistent dysplasia in congenital dislocation of the hip, **67A**, *195
Bowen, W.S. *with* **Nelson, C.L.** Total hip arthroplasty in Jehovah's Witnesses without blood transfusion, **68A**, *350
Bowker, P. *with* **Al-Turaiki, M.H.S.** *and* **Turner, P.G.** Quantitative assessment of knee joint instability, **67B**, 844
Bowler, J. *with others.* Kawasaki syndrome presenting as pyarthrosis of the hip: a case report, **68A**, *467
Boyce, B.F. *with others.* Vitamin D deficiency and osteomalacia in patients with femoral neck fracture, **65B**, 90
Boyce, J. *with* **Evans, J.G.** Incidence and outcome of fractured proximal femur, **68B**, 156
Boyd, R.J. *Book reviews*, **65A**, 1214, 1360
Boyer, J.M. *with others.* Surgical repair of extensive idiopathic osteolysis of the pelvic girdle (Jackson-Gorham), **66B**, 148
Boyle, I.T. *with others.* Vitamin D deficiency and osteomalacia in patients with femoral neck fracture, **65B**, 90
Boyle, M.R. *with* **Sovio, O.M.** *and* **Meek, R.N.** Bicondylar tibial plateau fractures, **68B**, 850
with others. Intramedullary fixation of tibial shaft fractures with AO and Grosse-Kempf locking nails: a review of 70 consecutive fractures, **67B**, 325
Boynton, E. *with others.* Supracondylar varus osteotomy for valgus deformity of the knee, **68B**, 854
Boynton, E.L. *with others.* False aneurysm in a Charcot hip: report of a case, **68A**, *462
Brabants, K. *with* **Geens, S.** *and* **van Damme, B.** Subperiosteal juxta-articular osteoid osteoma, **68B**, *320
Bracey, D.J. Oxford unicompartmental meniscal knee arthroplasty: a preliminary report, **67B**, 848(*discussion*)
Bracy, D.A. Bank bone: is it good enough?, **65B**, 97
An interhospital criteria audit of infection in total hip joint replacement surgery, **65B**, 664(*discussion*)
Braden, M. *with others.* The mechanical properties of cement and loosening of the femoral component of hip replacements, **69B**, *558
Bradfield, J. *with others.* Fat in the genesis of deep vein thrombosis after total hip replacement arthroplasty, **65B**, 673
Bradford, D. *with others.* Scheuermann kyphosis: follow-up of Milwaukee-brace treatment, **69A**, *50
Bradford, D.S. *with* **Cooper, K.M.** *and* **Oegema, T.R., Jr.** Chymopapain, chemonucleolysis, and nucleus pulposus regeneration, **65A**, *1220
with **Daher, Y.H.** Vascularised rib grafts for stabilisation of kyphosis, **68B**, *357
with **Gotfried, Y.** Staged salvage reconstruction of Grade-IV and V spondylolisthesis, **69A**, *191
with others. Adult idiopathic scoliosis treated by anterior and posterior spinal fusion, **69A**, *843
with others. The selection of fusion levels in thoracic idiopathic scoliosis, **65A**, *1302
Bradish, C.F. A long-term review of the Benjamin double osteotomy of the knee, **69B**, 849
Carpal tunnel syndrome in patients on haemodialysis, **67B**, *130
with others. Distal femoral replacement by custom-made prostheses: clinical follow-up and survivorship analysis, **69B**, *276
Bradley, F.B. *with others.* Detection of obstructions in venous blood flow following total hip replacement, **69B**, 498
Bradley, G.W. *with* **Freeman, M.A.R.** ICLH surface replacement of the hip: an analysis of the first 10 years, **65B**, *405
Bradley, J. *with* **Goodfellow, J.W.** *and* **O'Connor, J.J.** A radiographic study of bearing movement in unicompartmental Oxford knee replacements, **69B**, *598
with **Wetherill, M.** *and* **Benson, M.K.D.** Splintage for congenital dislocation of the hip: is it safe and reliable?, **69B**, *257
Bradley, J.A. *with others.* Colles' fractures, one year after injury: a prospective study, **68B**, 158
Bradley, J.S. *with* **Tayton, K.J.J.** How stiff should semi-rigid fixation of the human tibia be?: a clue to the answer, **65B**, *312
Bradnock, B. The possible use of the greater trochanter on a vascular pedicle in the treatment of avascular necrosis of the femoral head and congenital dislocation of the hip, **69B**, 491
Bradshaw, K. *with others.* Intra-operative spinal somatosensory evoked potentials in lumbar nerve root compression, **67B**, 160
Bradway, J.K. *with* **Kavanagh, B.F.** *and* **Houser, O.W.** Post-traumatic spinal-cord cyst: a case report, **68A**, *932
Brady, T.J. *with others.* Evaluation of Gaucher disease using magnetic resonance imaging, **68A**, *802
Braga, L.W. *with others.* Speculations on cerebral palsy, **66B**, 283
Brahms, M.A. *with* **Cohn, B.T.** *and* **Froimson, A.I.** Metastasis of adamantinoma sixteen years after knee disarticulation: report of a case, **68A**, *772
Branch, C.L., Jr. *with* **Kelly, D.L., Jr.** Failure of stabilization of the spine with methylmethacrylate: a retrospective analysis of twenty-four cases, **69A**, 1108(*correspondence*)
Brand, R.A. *Book reviews*, **65A**, 877
with **Callaghan, J.J.** *and* **Pedersen, D.R.** Hip arthrodesis: a long-term follow-up, **67A**, *1328
with **Crowninshield, R.D.** *and* **Pedersen, D.R.** A stress analysis of acetabular reconstruction in protrusio acetabuli, **65A**, *495
Brandl, T. *with* **Krajbich, J.I.** *and* **Langer, F.** Secondary procedures on meniscectomised knees in Workmen's Compensation Board patients, **66B**, 305
Brandt, K.D. *with* **O'Connor, B.L.** *and* **Palmoski, M.J.** Neurogenic acceleration of degenerative joint lesions, **67A**, *562
Braun, R.M. *with* **Schorr, R.** Surgical nutrition in the patient with multiple injuries: report of a case, **65A**, *123
Braunstein, E. *Book reviews*, **67A**, 1310
Braunstein, E.M. *with others.* Intravenous methylmethacrylate after total hip replacement, **66A**, *443
Brause, B.D. *with* **Insall, J.N.** *and* **Thompson, F.M.** Two-stage reimplantation for the salvage of infected total knee arthroplasty, **65A**, *1087
Bray, E.W., III *with* **Freeman, B.H.** *and* **Meyer, L.C.** Multiple osteotomies with Zickel nail fixation for polyostotic fibrous dysplasia involving the proximal part of the femur, **69A**, *691
Bray, R.C. *with* **Miller, S.D.** *and* **Hughes, G.N.F.** Antibiotics in open fractures: a prospective randomised double-blind study of wound infection, **68B**, 850
Bray, T.J. Ankle and knee position as a factor modifying intracompartmental pressure in the human leg, **67A**, 824(*correspondence*)
Chronic non-haematogenous osteomyelitis treated with adjuvant hyperbaric oxygen, **69A**, 1303(*correspondence*)
with **Esser, M.** *and* **Fulkerson, L.** Osteotomy of the trochanter in open reduction and internal fixation of acetabular fractures, **69A**, *711

* Indicates full article or appreciable part

Bredo, L. *with* **Waddell, J.P.** Tendon transfer in the management of persistent foot drop, **67B**, 326
Breed, A.L. *with others.* Congenital dislocation of the peroneal tendons in the calcaneovalgus foot, **65B**, *316
Breit, R. *with* **Faithfull, D.K.** *and* **Sonnabend, D.H.** Assessment of the use of external fixators for fractures of the distal end of the radius, **66B**, 777
Brenkel, I. *with others.* CT scanning of os calcis fractures, **69B**, 159
Brennan, J. *with others.* Inflammatory lesions of the anterior annulus in low back pain syndrome, **67B**, 500
Brenner, A.I. *Book reviews*, **66A**, 814
Brentlinger, A. *with* **Hunter, J.R.** Perforation of the external iliac artery and ureter presenting as acute hemorrhagic cystitis after total hip replacement: report of a case, **69A**, *620, 1304(*correspondence*)
Brenton, G.E. *with* **Johnson, D.E.** *and* **Eady, J.L.** Leiomyosarcoma of the hand and wrist: report of two cases, **68A**, *139
Brewer, B.J. *with* **Wubben, R.C.** *and* **Carrera, G.F.** Excessive retroversion of the glenoid cavity: a cause of non-traumatic posterior instability of the shoulder, **68A**, *724
with **Wubben, R.C.** *and* **Carrera, G.F.** Excessive retroversion of the glenoid cavity: a cause of non-traumatic posterior instability of the shoulder, **69A**, 632(*correspondence*)
Brewster, R.C. *with others.* Extra-abdominal desmoid tumours, **66A**, *1369
Bridwell, K.H. *with others.* Dural ectasia associated with spontaneous dislocation of the upper part of the thoracic spine in neurofibromatosis: a case report and review of the literature, **69A**, *1079
Briggs, C. *with* **Elliott, B.G.** Lateral epicondyle: a review of the anatomy and its association with "tennis elbow", **69B**, 163
Briggs, R.D. *with* **Salter, R.B.** Loss of hamstring tightness in congenital dislocation of the hip: an aid to diagnosis in the infant, **69B**, 155
Bright, N.F. *with others.* Cortical bone grafts with muscle pedicles: an experimental study of survival and ability to bridge a bone gap, **67B**, *804
Bright, R.W. *with* **Kling, T.F., Jr.** *and* **Hensinger, R.N.** Distal tibial physeal fractures in children that may require open reduction, **66A**, *647
Brighton, C.T. *with* **Hunt, R.M.** Histochemical localization of calcium in the fracture callus with potassium pyroantimonate: possible role of chondrocyte mitochondrial calcium in callus calcification, **68A**, *703
with **Lackman, R.D.** *and* **Cuckler, J.M.** Absence of the glycerol phosphate shuttle in the various zones of the growth plate, **65A**, *663
with **Pollack, S.R.** Treatment of recalcitrant non-union with a capacitively coupled electrical field: a preliminary report, **67A**, *577
with **Tadduni, G.T.** *and* **Pollack, S.R.** Treatment of sciatic denervation disuse osteoporosis in the rat tibia with capacitively coupled electrical stimulation: dose response and duty cycle, **67A**, *1022
with others. Calcium flux and endogenous calcium content in isolated mammalian growth-plate chondrocytes, hyaline-cartilage chondrocytes, and hepatocytes, **67A**, *113
Brinkworth, K. The effect of high-frequency vibration on skeletal muscle, **68B**, 505
Britton, J.M. *with* **Davie, M.W.** Strength characteristics of trabecular bone from the iliac crest and L5 lumbar vertebra, **69B**, 497
Brivio, L.R. *with* **De Bastiani, G.** *and* **Aldegheri, R.** The treatment of fractures with a dynamic axial fixator, **66B**, *538
with others. Chondrodiatasis – controlled symmetrical distraction of the epiphyseal plate: limb lengthening in children, **68B**, *550
with others. Limb lengthening by distraction of the epiphyseal plate: a comparison of two techniques in the rabbit, **68B**, *545
Brna, J.A. *with* **Hall, R.F., Jr.** Acute monoarticular herpetic arthritis: a case report, **66A**, *623
Broberg, M.A. *with* **Morrey, B.F.** Results of delayed excision of the radial head after fracture, **68A**, *669
Brock, D. Evaluation of the use of braces to prevent injury to the knee in collegiate football players, **69A**, 1468(*correspondence*)
Brock, R.M. *with* **Hawkins, R.J.** *and* **Hobeika, P.** Anterior acromioplasty for impingement syndrome with intact rotator cuff, **67B**, 327
Brocklehurst, R. *with others.* The composition of normal and osteoarthritic articular cartilage from human knee joints: with special reference to unicompartmental replacement and osteotomy of the knee, **66A**, *95
Brodell, J.D. *with* **Axon, D.L.** *and* **Evarts, C.M.** The Robert Jones bandage, **68B**, *776
with **Leve, A.R.** Disengagement and intrapelvic protrusion of the screw from a sliding screw-plate device: a case report, **65A**, *697
with **Leve, A.R.** Disengagement and intrapelvic protrusion of the screw from a sliding screw-plate device: a case report, **66A**, 473(*correspondence*)
Brodsky, A.E. *with* **Dennis, M.D.** *and* **Sassard, W.R.** Alveolar soft-part sarcoma: a case report, **65A**, *841
with **Khalil, M.** *and* **VanDeventer, L.** Unicameral bone cyst of a lumbar vertebra: a case report, **68A**, *1283
Brodsky, J.W. *with* **Tullos, H.S.** *and* **Gartsman, G.M.** Simplified posterior approach to the shoulder joint: a technical note, **69A**, *773
Bromage, D. *with* **Greenough, C.G.** *and* **Jackson, A.M.** *In situ* pinning of the slipped upper femoral epiphysis: a trouble free procedure?, **68B**, 155
with others. Heel strike impulses in three dimensions: induced shear within the knee joint, **67B**,319
Brooke, D.C. *with* **Burkus, J.K.** *and* **Benson, D.R.** Asymptomatic occipito-atlantal instability in Down syndrome (trisomy 21): report of two cases in children, **69A**, *293
Brooker, A.F. *with others.* The treatment of fractures of the femoral shaft with the Brooker-Wills distal locking intramedullary nail, **68A**, *865
Brooker, A.F., Jr. *with* **Collier, J.P.** Evidence of bone ingrowth into a porous-coated prosthesis: a case report, **66A**, *619
Brookes, M. *with* **Brueton, R.N.** *and* **Heatley, F.W.** The effect of ultrasound on the repair of a rabbit's tibial osteotomy held in rigid external fixation, **69B**, 494
with **Dyson, M.** Stimulation of bone repair by ultrasound, **65B**, 659
Brooks, C.N. Results of operative treatment of displaced external rotation-abduction fractures of the ankle, **68A**, 953(*correspondence*)
Brooks, D.M. *Book reviews*, **68B**, 168
Brooks, S. *with* **Bernard, A.A.** the role of trochanteric wire revision after total hip replacement, **69B**, *352
with **Dent, A.R.** *and* **Thompson, A.G.** Anterior rupture of the lumbosacral disc: report of a case, **65A**, *1186
with **Grimer, R.J.** Brachial artery damage accompanying closed posterior dislocation of the elbow, **67B**, *378
Broom, M.J. *with* **Krompinger, W.J.** *and* **Bond, S.D.** Fracture of the atlantal arch causing atlanto-axial instability: report of a case, **68A**, *1289
Brougham, D.I. *with* **Nicol, R.O.** Acquired valgus deformity of tibia in children, **68B**, 678
with **Nicol, R.O.** Valgus deformity after proximal tibial fractures in children, **69B**, *482(*brief report*)
Broughton, N.S. Tibial osteotomy: factors affecting the long-term outcome, **68B**, 160
with **Doran, A.** *and* **Meggitt, B.F.** Silastic ball spacer in the first metatarsophalangeal joint, **69B**, 678
with **Newman, J.H.** *and* **Baily, R.A.J.** Unicompartmental replacement and high tibial osteotomy for osteoarthritis of the knee: a comparative study after 5-10 years' follow-up, **68B**, *447
with **Winson, I.G.** *and* **Rawlinson, J.** The treatment of metatarsalgia by sliding distal metatarsal osteotomy, **69B**, 156
with **Winson, I.G.** Keller's and first metatarsal osteotomy for hallux valgus in middle-aged females: a comparison of the long-term results, **69B**, 493
with others. Do soft-tissue operations work in hallux valgus?: a review of the McBride procedure in middle-aged females, **69B**, 156, 511(*corrigendum*)
Broussard, T.S. *with* **Waldrop, J.I.** Disruption of the anterior cruciate ligament in a three-year-old child: a case report, **66A**, *1113
Browett, J.P. *with* **Fiddian, N.J.** *and* **Sudlow, R.A.** Ruptured femoral vein, **66B**, *493
with **Fiddian, N.J.** Delayed median nerve injury due to retained glass fragments: a report of two cases, **67B**, *382
with **McAuliffe, T.B.** *and* **Fiddian, N.J.** Entrapment neuropathy of the superficial peroneal nerve: a bilateral case, **67B**, *62
Brown, I.W. *with* **Ring, P.A.** Osteolytic changes in the upper femoral shaft following porous-coated hip replacement, **67B**, *218
Brown, J.G. *with others.* Detection of obstructions in venous blood flow following total hip replacement, **69B**, 498
with others. Impedance plethysmography: a screening procedure to detect deep-vein thrombosis, **69B**, *264
Brown, K. *with others.* Epiphysial growth after free fibular transfer with and without microvascular anastomosis: experimental study in the dog, **65B**, *493
Brown, K.L.B. *with* **Foster, W.C.** *and* **Springfield, D.S.** Pseudotumor of the arm associated with rupture of silicone-gel breast prostheses: report of two cases, **65A**, *548
Brown, M.D. Paraplegia following chymopapain injection: a case report, **67A**, 504(*correspondence*)
with **Parke, W.W.** *and* **Rothman, R.H.** The pharyngovertebral veins: an anatomical rationale for Grisel's syndrome, **66A**, *568
with others. Coexistent infection and tumor of the spine: a report of three cases, **69A**, *452
with others. Failure of posterior cervical fusions using cadaveric bone graft in children, **67A**, *370
Brown, M.L. *with others.* Comparison of indium-labeled-leukocyte imaging with sequential technetium-gallium scanning in the diagnosis of low-grade musculoskeletal sepsis, **67A**, *465
Brown, R. *with others.* Cartilage matrix synthesis by human articular chondrocytes in vitro, **69B**, 497
Brown, R.H. *with others.* Postoperative neurological deficits in segmental spinal instrumentation: a study using spinal cord monitoring, **66A**, *1178
Brown, T.R.M. *with others.* Hip joint replacement and lower limb joint loading, **65B**, 368
Browne, R.S. *with others.* The clinical features of early bleeding into the muscles of the lower limb in severe haemophiliacs, **65B**, *19
Browner, B.D. *Book reviews*, **65A**, 877
with **Levin, P.E.** *and* **Schoen, R.W.** Radiation exposure to the surgeon during closed interlocking intramedullary nailing, **69A**, *761
Brox, W.T. *with others.* Results in scoliosis fusion using segmental wires to spinous processes combined with distraction rods, **68B**, 853

* Indicates full article or appreciable part

Bruce, L. *with others.* Thompson hemiarthroplasty: 5- to 10-year follow-up in 241 patients, **68B**, 852
Bruce, R.J. *with* **Muckle, D.S.** *and* **Fansa, M.** Long-term prognosis of stable lumbar fractures in young adults, 285
Bruce, W.J.M. *with* **Higgs, R.J.E.D.** *and* **Katekar, M.** Ectopic bone formation after total hip replacement, **69B**, 167
Brueton, R.N. *with* **Brookes, M.** *and* **Heatley, F.W.** The effect of ultrasound on the repair of a rabbit's tibial osteotomy held in rigid external fixation, **69B**, 494
with others. A study of 75 two-component hemi-arthroplasties: do they behave as Thompson's total hips or true bipolar prostheses?, **69B**, 488
Brumback, R.J. Compartment syndrome complicating avulsion of the origin of the triceps muscle: a case report, **69A**, *1445
with **Bosse, M.J.** *and* **Burgess, A.R.** Intramedullary stabilization of humeral shaft fractures in patients with multiple trauma, **68A**, *960
with others. Compartment syndrome in open tibial fractures, **68A**, *1348
with others. The treatment of fractures of the femoral shaft with the Brooker-Wills distal locking intramedullary nail, **68A**, *865
Brumfield, R.H., Jr. *with* **Resnick, C.T.** Synovectomy of the elbow in rheumatoid arthritis, **67A**, *16
Brunet, J.A. *with* **Wiley, J.J.** Acquired spondylolysis after spinal fusion, **66B**, *720
with **Wiley, J.J.** The late results of treatment of tarsometatarsal joint injuries, **68B**, 849
with **Wiley, J.J.** The late results of tarsometatarsal joint injuries, **69B**, *437
with others. Incidence and prevention of deep venous thrombosis, **67B**, 675
Bryan, C.S. *with others.* Primary aspergillosis of the spine mimicking Pott's paraplegia, **66A**, *1481
Bryan, R.S. *with* **Lewallen, D.G.** *and* **Peterson, L.F.A.** Polycentric total knee arthroplasty: a ten-year follow-up study, **66A**, *1211
with **Morrey, B.F.** Infection after total elbow arthroplasty, **65A**, *330
with **Morrey, B.F.** Revision total elbow arthroplasty, **69A**, *523
with **Rand, J.A.** *and* **Chao, E.Y.S.** Failed total knee arthroplasty treated by arthrodesis of the knee using the Ace-Fischer apparatus, **69A**, *39
with **Rand, J.A.** Reimplantation for the salvage of an infected total knee arthroplasty, **65A**, *1081
with others. Complications and mortality associated with bilateral or unilateral total knee arthroplasty, **69A**, *484
Buchanan, J.R. *with others.* Assessment of the risk of vertebral fracture in menopausal women, **69A**, *212, 952(*correspondence*)
Buchert, P.K. Excessive metal release due to loosening and fretting of sintered particles on porous-coated hip prostheses, **69A**, 310(*correspondence*)
with others. Excessive metal release due to loosening and fretting of sintered particles on porous-coated hip prostheses: report of two cases, **68A**, *606
Buchholz, H.W. *with others.* Pharmacokinetic study of gentamicin-loaded cement in total hip replacements, **66B**, *175
Buchholz, M. *with others.* Pharmacokinetic study of gentamicin-loaded cement in total hip replacements, **66B**, *175
Buchman, M.T. *with* **Weis, E.B., Jr.** Tetanus complicating an open trimalleolar fracture: a case report, **66A**, *139
Bucholz, R. *Book reviews*, **68A**, 158
with **Bone, L.** The management of fractures in the patient with multiple trauma, **68A**, *945(*current concepts review*)
Bucholz, R.W. *Book reviews*, **65A**, 1037; **66A**, 1325
A two-year prospective study of intracapsular femoral neck fractures: mortality and mechanical failure, **68B**, 157(*discussion*)
with **Bone, L.B.** The management of fractures in the patient with multiple trauma, **69A**, 152(*correspondence*)
with **Gill, K.** The role of computerized tomographic scanning in the evaluation of major pelvic fractures, **66A**, *34
with **Holmes, R.E.** *and* **Mooney, V.** Porous hydroxyapatite as a bone-graft substitute in metaphyseal defects: a histometric study, **68A**, *904
with **Ross, S.E.** *and* **Lawrence, K.L.** Fatigue fracture of the interlocking nail in the treatment of fractures of the distal part of the femoral shaft, **69A**, *1391
Buck, P. *with* **Morrey, B.F.** *and* **Chao, E.Y.S.** The optimum position of arthrodesis of the ankle: a gait study of the knee and ankle, **69A**, *1052
Buckerfield, C. The posterior stabilized condylar prosthesis: a modification of the total condylar design: two to four-year clinical experience, **65A**, 1030(*correspondence*)
Buckerfield, C.T. *with* **Castle, M.E.** Acute traumatic retrosternal dislocation of the clavicle, **66A**, *379
Buckingham, A. *with* **Bailey, S.I.** *and* **Janzen, T.** Evaluation of school screening for scoliosis, **68B**, 855
Buckley, J. *with others.* Magnetic resonance imaging and discography in the diagnosis of disc degeneration: a comparative study of 50 discs, **68B**, *369
with others. The changes in the intervertebral disc after chemonucleolysis demonstrated by magnetic resonance imaging, **68B**, *719
Buckley, J.H. *with others.* Magnetic resonance imaging of adolescent disc herniation, **69B**, *699
Buckwalter, J.A. The structure of human chondrosarcoma proteoglycans, **65A**, *958
with **Blair, W.F.** *and* **Shurr, D.G.** Metacarpophalangeal joint implant arthroplasty with a Silastic spacer, **66A**, *365
with **Bonfiglio, M.** *Book reviews*, **67A**, 989
with **Foucar, E.** *and* El-Khoury, G.Y. Gout presenting as a femoral cyst: a case report, **66A**, *294
with others. Growth-plate-chondrocyte profiles and their orientation, **67A**, *942
with others. Morphometric analysis of chondrocyte hypertrophy, **68A**, *243
with others. Proteoglycans of human infant intervertebral disc: electron microscopic and biochemical studies, **67A**, *284
Buckwold, F.J. *with others.* Chronic non-haematogenous osteomyelitis treated with adjuvant hyperbaric oxygen, **69A**, 1303(*correspondence*)
with others. Chronic non-hematogenous osteomyelitis treated with adjuvant hyperbaric oxygen, **68A**, *1210
Budney, D. *with others.* The torsional resistance of spinal fracture instrumentation, **69B**, 507
Buirski, G. *with* **Ratliff, A.H.C.** *and* **Clough, J.R.** Malignant cartilage-cell tumours of the pelvis: is hindquarter amputation avoidable?, **68B**, 671
Bullock, D. *with others.* Adduction contracture of the thumb in cerebral palsy: a preoperative electromyographic study, **65A**, *755
Bullough, P.G. Reactive synovitis from particulate Silastic, **65A**, 281(*correspondence*)
Synovial and osseous inflammation in failed silicone-rubber prostheses: a report of six cases, **65A**, 281(*correspondence*)
with **Jagannath, A.** The morphology of the calcification front in articular cartilage: its significance in joint function, **65B**, *72
Bulstrode, C. A controlled trial of topical nutrition for the treatment of chronic leg ulcers, monitored using stereo-photogrammetry, **68B**, 839
Where are feet going?, **66B**, 773
Bulstrode, C.J. *with others.* A new unconstrained elbow: a prospective review of 60 replacements, **68B**, *566
Bulstrode, C.J.K. What happens to wild animals with broken bones?, **69B**, 496
with **King, J.B.** *and* **Sudlow, R.A.** Posterolateral instability of the knee, **67B**, 157
with **King, J.B.** Extra-articular carbon fibre at the knee, **67B**, 156
Bumphrey, F. *with others.* The use of computerised tomography in evaluating non-visualised vertebral levels caudad to a complete block on a lumbar myelogram: a review of thirty-two cases, **69A**, *218
Bunata, R.E. Impending rupture of the extensor pollicis longus tendon after a minimally displaced Colles fracture: a case report, **65A**, *401
Bunch, W.H. *Book reviews*, **68A**, 957
with **Chapman, R.G.** *and* **Dvonch, V.M.** The candidate's view of the orthopaedic residency selection process, **68A**, *1292
with **Chapman, R.G.** Patient preferences in surgery for scoliosis, **67A**, *794
with **Hakala, M.W.** Iliopsoas transfers in children with myelomeningocele, **66A**, *224
with **Scarff, T.B.** *and* **Trimble, J.** Spinal cord monitoring, **65A**, *707(*current concepts review*)
Buncke, H.J. Functional reconstruction of an extremity by free tissue transfer of the latissimus dorsi, **66A**, 806(*correspondence*)
with **Gordon, L.** The efficacy of free tissue transfer in the treatment of osteomyelitis, **66A**, 1494(*correspondence*)
with others. Free vascularized osteocutaneous transplants from the groin for delayed primary closure in the management of loss of soft-tissue and bone in the hand and wrist: report of two cases, **67A**, *958
Bunker, T.D. A pilot study of the demonstration of rotator cuff defects using real time ultrasound, **69B**, 498
with **McNamee, P.B.** *and* **Scott, T.D.** The Herbert screw for scaphoid fractures: a multicentre study, **69B**, *631
Bunn, C. *with others.* Electrical studies in the problem back: a blind trial, **66B**, 280
Bunnell, W.P. An objective criterion for scoliosis screening, **66A**, *1381
with **Bassett, G.S.** *and* **MacEwen, G.D.** Treatment of idiopathic scoliosis with the Wilmington brace: results in patients with a twenty to thirty-nine degree curve, **68A**, *602
with **Foster, B.K.** A study of the natural history of idiopathic scoliosis, **66B**, 789
with **Lawhon, S.M.** *and* **MacEwen, G.D.** Orthopaedic aspects of the VATER association, **68A**, *424
with others. Scoliosis and pregnancy, **69A**, *90
Burchardt, H. *with* **Dell, P.C.** *and* **Glowczewskie, F.P., Jr.** A roentgenographic, biomechanical, and histological evaluation of vascularized and non-vascularized segmental fibular canine autografts, **67A**, *105
with **Glowczewskie, F.P., Jr.** *and* **Enneking, W.F.** The effect of adriamycin and methotrexate on the repair of segmental cortical autografts in dogs, **65A**, *103
with others. Electromagnetic stimulation of canine bone grafts, **66A**, *693
Burdeaux, B.D., Jr. I.S. McReynolds, **66A**, 969(*obituary*)
Burdett, R.G. *with others.* Quantitative gait analysis after total knee arthroplasty for monarticular degenerative arthritis, **65A**, *605
Burdge, R. *with others.* Posterior fracture-dislocation of the distal part of the fibula: mechanism and staging of injury, **65A**, *1149

* Indicates full article or appreciable part

Burdge, R.E. *with others*. A new surgical approach to fractures of the lateral tibial plateau, **66A**, *1236
Burge, P. *with* **Benson, M.** Bilateral congenital pseudarthrosis of the olecranon, **69B**, *460
with **Rushworth, G.** *and* **Watson, N.** Patterns of injury to the terminal branches of the brachial plexus: the place for early exploration, **67B**, *630
Burgess, A. *with* **Oreck, S.L.** *and* **Levine, A.M.** Traumatic lateral displacement of the scapula: a radiographic sign of neurovascular disruption, **66A**, *758
Burgess, A.R. *with* **Brumback, R.J.** *and* **Bosse, M.J.** Intramedullary stabilization of humeral shaft fractures in patients with multiple trauma, **68A**, *960
with others. Compartment syndrome in open tibial fractures, **68A**, *1348
with others. The treatment of fractures of the femoral shaft with the Brooker-Wills distal locking intramedullary nail, **68A**, *865
Burgess, E.M. *Book reviews*, **65A**, 141
Burke, D.W. The effect of centrifugation on the fracture properties of acrylic bone cements, **68A**, 1125(*correspondence*)
with **Gates, E.I.** *and* **Harris, W.H.** Centrifugation as a method of improving tensile and fatigue properties of acrylic bone cement, **66A**, *1265
with **Harris, W.H.** *and* **McGann, W.** Major advances in cemented total hip replacement, **67B**, 331
Burke, F. *Book reviews*, **69B**, 688
Burke, F.D. *Book reviews*, **68B**, 168
with **Stewart, H.D.** *and* **Innes, A.R.** Functional cast-bracing for Colles' fractures: a comparison between Orthoplast cast-bracing and conventional plaster cast, **66B**, 286, *749
with others. The Herbert screw for fractures of the scaphoid: a review of results and technical difficulties, **69B**, *124
Burke, J. *with* **McGinnis, E.J.** Stability of the ankle and subtalar joints following division of the lateral collateral ligament of the ankle and following reconstructive procedures, **68B**, 844
Burke, S.W. *with* **Rush, G.A.** Hangman's fracture in a patient with osteogenesis imperfecta: case report, **66A**, *778
with others. Chronic atlanto-axial instability in Down syndrome, **67A**, *1356
with others. Delayed paraplegia complicating sublaminar segmental spinal instrumentation, **68A**, *556
with others. Kawasaki syndrome presenting as pyarthrosis of the hip: a case report, **68A**, *467
with others. Late complications due to wire breakage in segmental spinal instrumentation: report of two cases, **65A**, *1339
with others. Psoas abscess mimicking a septic hip: diagnosis by computed tomography, **67A**, *1281
with others. Vibratory response in idiopathic scoliosis, **68B**, *714
Burke, T. *with others*. Electrical surface stimulation for idiopathic scoliosis, **68B**, 681
Burkhalter, W. *with* **Calkins, M.S.** *and* **Reyes, F.** Traumatic segmental bone defects in the upper extremity: treatment with exposed grafts of corticocancellous bone, **69A**, *19
Burkhalter, W.E. *with* **Rashkoff, E.S.** *and* **Mann, R.J.** Septic arthritis of the wrist, **65A**, *824
Burkhardt, D. *with others*. The effects of spinal fusion on the proteoglycans of the canine intervertebral disc: an experimental model for disc degeneration, **68B**, 334
Burks, R. *with others*. Instrumented measurement of anterior laxity of the knee, **67A**, *720
Burkus, J.K. *with* **Brooke, D.C.** *and* **Benson, D.R.** Asymptomatic occipito-atlantal instability in Down syndrome (trisomy 21): report of two cases in children, **69A**, *293
with **Lindsey, R.W.** *and* **Piepmeier, J.** Tortuosity of the vertebral artery: an adventitious finding after cervical trauma: a case report, **67A**, *806
with **Moore, D.W.** *and* **Raycroft, J.F.** Valgus deformity of the ankle in myelodysplastic patients: correction by stapling of the medial part of the distal tibial physis, **65A**, *1157
Burman, W.D. *with* **Pryor, G.A.** *and* **Sutcliffe, M.L.** Experience with the Zickel supracondylar fixation device, **68B**, 666
Burnett, Q.M. *with others*. Meniscal suturing by open and arthroscopic techniques—preliminary report, **67B**,336
Burnett, S.M. *with others*. Speculations on cerebral palsy, **66B**, 283
Burnie, J. *with others*. Controlled release glass as a potential bone graft substitute, **65B**, 364
Burrough, S.J. Spinal pain, lumbar movement and erector spinae musculature after injury to the thoracolumbar spine, **67B**, 151(*discussion*)
with **Kenwright, J.A.** Tibial fracture-healing patterns seen when using external skeletal fixation, **67B**, 145
Burstein, A.H. *with* **Bartel, D.L.** Performance of the tibial component in total knee replacement, **65A**, 422(*correspondence*)
with **Einhorn, T.A.** *and* **Bonnarens, F.** The contributions of dietary protein and mineral to the healing of experimental fractures: a biomechanical study, **68A**, *1389
with **Santner, T.J.** Fundamentals of statistics for orthopaedists: part II, **66A**, *794(*current concepts review*)
Burstein, A.H., (*continued*)
with **Wright, T.M.** Neck fractures of femoral prostheses: a report of two cases, **67A**, *497
with others. The healing of segmental bone defects induced by demineralized bone matrix: a radiographic and biomechanical study, **66A**, *274
Burton, K. *with others*. The correlation of a functional study of the rheumatoid elbow with the x-ray patterns of disease and its application to elbow arthroplasty, **67B**, 154
Burton, R.I. Spontaneous rupture of the extensor mechanism causing ulnar dislocation of the long extensor tendon of the long finger: two case reports, **67A**, 346(*correspondence*)
with **DeHaven, K.E.** *Book reviews*, **65A**, 718
Burton, W.C. *with* **Barber, F.A.** *and* **Guyer, R.** The heparin-induced thrombocytopenia and thrombosis syndrome: report of a case, **69A**, *935
Burwell, R.G. Report on epidemiology in school screening study, **69B**, 855
with **Nicolopoulos, C.S.** *and* **Webb, J.K.** Stature of girls with adolescent idiopathic scoliosis: the importance of pelvic height and its sexual dimorphism in health, **66B**, 289
with **Nicolopoulos, K.S.** *and* **Webb, J.K.** Stature and its components in adolescent idiopathic scoliosis: cephalo-caudal disproportion in the trunk of girls, **67B**, *594
with **Upadhyay, S.S.** *and* **Moulton, A.** Femoral anteversion in Perthes' disease with observations on irritable hips: application of a new method using ultrasound, **68B**, 496
with **Upadhyay, S.S.** *and* **Moulton, A.** Biological factors predisposing to traumatic posterior dislocation of the hip, **67B**, *232
with **Upadhyay, S.S.** *and* **Webb, J.K.** The use of the scoliometer to evaluate hump dynamics in relation to leg-length inequality and pelvic tilt, **69B**, 851
with **Wojcik, A.S.** *and* **Webb, J.K.** Observations on the correction of the double curve pattern of scoliosis after the Zielke operation, **69B**, 854
with others. A study revealing a tall pelvis in subjects with low back pain, **65B**, *153
with others. Adolescent idiopathic thoracic scoliosis: a prospective trial with and without bracing during postoperative care, **69B**, *13
with others. Integrated Shape Imaging System (ISIS): an evaluation of its capacity to measure lateral spinal curves and appraise hump dynamics on forward flexion, **69B**, 851
with others. Magnetic resonance imaging of patients with scoliosis: preliminary observations, **69B**, 854
with others. Posterior spinal fusion for idiopathic scoliosis: a comparison of four methods, **68B**, 680
with others. Standardised trunk asymmetry scores and vector stereography in idiopathic scoliosis, **66B**, 289
with others. Standardised trunk asymmetry scores: a study of back contour in healthy schoolchildren, **65B**, *452
Bury, R.N. *with others*. Ingrowing toenails: is there a nail abnormality?: a prospective study, **69B**, *840
Busnardo, M.S. *with* **Martell, J.R., Jr.** *and* **Barja, R.H.** Congenital fibrosarcoma of the forearm: a case report, **68A**, *620
Buss, D. *with others*. The effects of indirect blunt trauma on adult canine articular cartilage, **65A**, *948
Bussel, J.B. *with others*. Total knee arthroplasty in hemophilia, **67A**, *1361
Butler, D.L. *with others*. Biomechanical analysis of human ligament grafts used in knee-ligament repairs and reconstructions, **66A**, *344
with others. Biomechanics of the knee-extension exercise: effect of cutting the anterior cruciate ligament, **66A**, *725
with others. The symptomatic anterior cruciate-deficient knee: part I: the long-term functional disability in athletically active individuals, **65A**, *154
Butler, J. *with others*. Shortening of the first metatarsal as a complication of metatarsal osteotomies, **66A**, *582
Butt, W.P. *with* **Lawton, J.O.** *and* **Dickson, R.A.** Experimental idiopathic scoliosis, **65B**, 657
with others. Bi-planar spinal asymmetry: the pathogenesis of idiopathic scoliosis, **66B**, 143
with others. Combined median and coronal plane asymmetry: the essential lesion of progressive idiopathic scoliosis, **65B**, 368
with others. The pathogenesis of idiopathic scoliosis, **66B**, *8
Butterworth, R. *with* **Quinton, D.N.** *and* **Finlay, D.** The elbow fat pad sign, **69B**, *844(*brief report*)
Buxton, R.A. *with* **Inglis, G.** *and* **Macnicol, M.F.** Symptomatic calcaneonavicular bars: the results 20 years after surgical excision, **68B**, *128
Buzo-Cordova, E.S. *with others*. Heel strike impulses in three dimensions: induced shear within the knee joint, **67B**, 319
Buzzi, R. *with others*. Idiopathic osteonecrosis of the knee: aetiology, prognosis and treatment, **65B**, *588
Byers, P.D. *Book reviews*, **66B**, 311
with **Afoke, N.Y.P.** *and* **Hutton, W.C.** Hip joint incongruity and load distribution, **65B**, 91
with **Afoke, N.Y.P.** *and* **Hutton, W.C.** Contact pressures in the human hip joint, **69B**, *536
with **Pazzaglia, U.** Fractured femoral shaft through an osteolytic lesion resulting from the reaction to a prosthesis, **66B**, *337

Byers, P.D., (*continued*)
with others. Mineral formation in the osteoid of human bone, **65B**, 92
with others. Pathology of infantile cortical hyperostosis (Caffey's disease): report of a case, **67A**, *1417
Byfield, S.P. *with others*. Bone and joint tuberculosis, **66B**, *326
with **Abberton, J.A.** *and* **Silk, F.F.** Congenital dislocation of the hip: a place for early primary surgical treatment?, **66B**, (613), 792(*corrigendum*)
Bylander, B. *with others*. Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **68A**, *538
with others. Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **69A**, 153(*correspondence*)
Byrd, J.A., III. *with others*. Adult idiopathic scoliosis treated by anterior and posterior spinal fusion, **69A**, *843
Byrick, R.J. *with others*. Cardiopulmonary function and pulmonary microemboli during arthroplasty using cemented or non-cemented components: the role of intramedullary pressure, **69A**, *822
with others. The role of lavage in preventing hemodynamic and blood-gas changes during cemented arthroplasty, **65A**, *500
Byrne, J.J. *Book reviews*, **66A**, 1503
Byrne, T.P. *with* **Botte, M.J.** *and* **Garfin, S.R.** Application of the halo device for immobilization of the cervical spine utilizing an increased torque pressure, **69A**, *750

C

Cabanela, M.E. *Book reviews*, **66A**, 1502
with **Hanssen, A.D.** *and* **Michet, C.J., Jr.** Hip arthroplasty in patients with systemic lupus erythematosus, **69A**, *807
Cadle, R.G. *with others*. Tarsal and carpal coalition and symphalangism of the Fuhrmann type: report of a family, **67A**, *884
Cahill, B.R. Osteolysis of the distal part of the clavicle in male athletes, **65A**, 421(*correspondence*)
Cain, T. *with others*. Shortening of the first metatarsal as a complication of metatarsal osteotomies, **66A**, *582
with others. Surgical therapy for congenital dislocation of the hip in patients who are twelve to thirty-six months old, **66A**, *412
Cairns, T. *with others*. The Princess Margaret Rose Orthopaedic Hospital halo-body fixation system, **66B**, 148
Calas, P. *with others*. Epidemiology of disorders of the foot in the child and adult amenable to surgical treatment, **66B**, 142
Calderoni, P. *with others*. Aneurysmal bone cyst of the spine, **67A**, *527
with others. Benign fibrous histiocytoma of bone, **68A**, *1225
with others. Desmoplastic fibroma of bone, **66B**, *265
Caletti, E. *with others*. Tissue-typing in human massive allografts of frozen bone, **69A**, *583
Calhoun, J. Setting temperatures of plaster casts, **65A**, 279(*correspondence*)
Calkins, M.S. *with* **Burkhalter, W.** *and* **Reyes, F.** Traumatic segmental bone defects in the upper extremity: treatment with exposed grafts of corticocancellous bone, **69A**, *19
Callaghan, J.J. *with* **Brand, R.A.** *and* **Pedersen, D.R.** Hip arthrodesis: a long-term follow-up, **67A**, *1328
with **Lower, R.F.** *and* **McNiesh, L.M.** Computed tomographic documentation of intra-articular penetration of a screw after operations on the shoulder: a report of two cases, **67A**, *1120
with others. Diagnosis of infection by preoperative scintigraphy with indium-labeled white blood cells, **69A**, *1353
with others. Long-term results of revision total hip replacement: a follow-up report, **67A**, *513
with others. Prior deposition of autologous blood in elective orthopaedic surgery, **69A**, *320
with others. Results of revision for mechanical failure after cemented total hip replacement, 1979 to 1982: a two to five-year follow-up, **67A**, *1074
Callahan, D.J. *with* **Walter, N.E.** *and* **Okoye, M.I.** Florid reactive periostitis of the proximal phalanx: case report, **67A**, *968
Callahan, G. *with* **Pope, M.H.** *and* **Lavalette, R.** Setting temperatures of synthetic casts, **67A**, *262
Calogero, J.A. *with others*. An epidemiological study of acute prolapsed cervical intervertebral disc, **66A**, *907
Calver, R.F. Morton's metatarsalgia: a retrospective and prospective study, **65B**, 221(*discussion*)
Calvert, P.T. Neurological complications of dislocation of the shoulder, **67B**, 496(*discussion*)
with **Edgar, M.A.** *and* **Webb, P.J.** Neurofibromatosis and scoliosis, **67B**, 500
with **Kernohan, J.G.** *and* **Catterall, A.** An investigation of the hydraulic behaviour of the proximal femoral capital epiphysis, **67B**, 318
with **Tuite, J.D.** *and* **Dowd, G.S.E.** Functional results after prolonged delayed union of tibial fractures, **68B**, 667
with others. A long-term study of the Chiari pelvic osteotomy for congenital dislocation of the hip and acetabular dysplasia, **69B**, 156
with others. Arthrography of the shoulder following surgical repair of the rotator cuff, **65B**, 219
Calvert, P.T., (*continued*)
with others. Arthrography of the shoulder after operative repair of the torn rotator cuff, **68B**, *147
with others. Experimental temporary vascular occlusion of the growing femoral head, **65B**, 657
with others. Operative treatment of chronic ruptures of the rotator cuff of the shoulder, **65B**, *171
with others. The Chiari pelvic osteotomy: a review of the long-term results, **69B**, *551
Cambouridis, P. *with* **Merianos, P.** *and* **Smyrnis, P.** The treatment of 143 tibial shaft fractures by Ender's nailing and early weight-bearing, **67B**, *576
Cambun, M. *with others*. Electrical stimulation of fracture healing assessed by the extraction of methylene diphosphonate, **65B**, 364
Camburn, M.A. *with others*. The effect of induced electric currents on bone after experimental osteotomy in sheep, **67B**, *463
Cameron, E.C. *with others*. Chemical measurement of bone GLA protein (BGP, osteocalcin): an indicator of bone metabolism, **65B**, 93
Cameron, H.S. Results of the Maquet procedure in workers, **67B**, 336
with others. Thompson hemiarthroplasty: 5-to 10-year follow-up in 241 patients, **68B**, 852
Cameron, H.U. The results of early clinical trials with an uncemented knee replacement, **68B**, 854
with **MacDiarmid, A.A.** Rebuilding the deficient acetabulum in total hip arthroplasty, **67B**, 676
Cameron, J. *with others*. Acute anterior cruciate rupture: diagnosis and dilemma, **68B**, 338
Cameron, J.C. *with* **Courtenay, B.G.** *and* **MacIntosh, D.L.** Knee osteotomy for collateral ligament instability, **67B**, 332
with **Hall, H.** *and* **Courtenay, B.G.** The Bristow procedure for recurrent anterior dislocation of the shoulder, **67B**, 327
with **MacIntosh, D.L.** *and* **Courtenay, B.G.** Results of the surgical management of acute anterior cruciate rupture, **67B**, 336
Camille, R. Unilateral facet dislocation of the cervical spine, **66B**, 147(*discussion*)
Camp, J.F. *with* **Colwell, C.W., Jr.** Core decompression of the femoral head for osteonecrosis, **69A**, 1107(*correspondence*), 1108(*correspondence*)
with **Colwell, C.W., Jr.** Core decompression of the femoral head for osteonecrosis, **68A**, *1313
Campanacci, M. *with* **Cervellati, C.** *and* **Donati, U.** Autogenous patella as replacement for a resected femoral or tibial condyle: a report on 19 cases, **67B**, *557
with **Laus, M.** *and* **Boriani, S.** Multiple non-ossifying fibromata with extraskeletal anomalies: a new syndrome?, **65B**, *627
with **Rock, M.G.** *and* **Capanna, R.** Sacro-coccygeal chordoma, **68B**, 849
with others. Adjuvant chemotherapy for malignant fibrous histiocytoma in the femur and tibia, **67A**, *620
with others. Aneurysmal bone cyst of the spine, **67A**, *527
with others. Benign fibrous histiocytoma of bone, **68A**, *1225
with others. Chondroblastoma: a review of seventy cases, **67A**, *748
with others. Desmoplastic fibroma of bone, **66B**, *265
with others. Giant-cell tumor of bone, **69A**, *106
with others. Medullary involvement in parosteal osteosarcoma: a case report, **69A**, *131
with others. Parosteal osteosarcoma, **66B**, *313
with others. Periosteal chondroma: a review of twenty cases, **65A**, *205
Campanile, J. *with* **Segal, D.** *and* **Franchi, A.V.** Iliac autograft for reconstruction of severely depressed fracture of a lateral tibial plateau, **67A**, *1270(*brief note*)
Campbell, A. *with others*. A review of the Manitoba school screening programme for scoliosis and its influence on surgical treatment, **68B**, 855
Campbell, C.J. *with* **Bonfiglio, M.** C. Howard Hatcher, **65A**, 713(*obituary*)
with others. Assessment of malignancy of cartilage tumors using flow cytometry: a preliminary report, **65A**, *779
with others. Desmoplastic fibroma of bone: a report of eight cases and review of the literature, **67A**, *732
Campbell, D. Tibial fracture-healing patterns seen when using external skeletal fixation, **67B**, 146(*discussion*)
Campbell, J.R. *with* **Amis, A.A.** *and* **Miller, J.H.** Strength of carbon and polyester fibre tendon replacements: variation after operation in rabbits, **67B**, *829
with **Amis, A.A.** *and* **Miller, J.H.** The postoperative strength variations of carbon or polyester fibre tendon replacements, **67B**, 159
with others. A comparative study of anterior cruciate ligament replacement using either carbon or polyester fibres, **68B**, 841
with others. Comparison of the structure of neotendons induced by implantation of carbon or polyester fibres, **66B**, *131
Campbell, P. *with others*. Normal human synovial fluid: osmolality and exercise-induced changes, **67A**, *1336
with others. Tibia vara due to fibrocartilaginous dysplasia, **69B**, 163
Campbell, P.E. *with others*. Tibia vara caused by focal fibrocartilaginous dysplasia: three case reports, **67B**,*780
Campbell, W.G., Jr. *with* **Anastasiades, K.D.** *and* **Otis, J.B.** Vertebral malacoplakia: a case report, **69A**, *458

Campin, C.R. Carpal tunnel syndrome: an evaluation of the provocative diagnostic tests, **69A**, 792(*correspondence*)
Campos da Paz, A. Jr. The long-term results following conservative management of severely displaced fracture of the os calcis, **66B**, 286(*discussion*)
with others. Speculations on cerebral palsy, **66B**, 283
Canale, S.T. *with* **Ikard, S.T.** The orthopaedic implications of purpura fulminans, **66A**, *764
Canner, G.C. *with others*. The infected hip after total hip arthroplasty, **66A**, *1393
Cannon, S.R. Massive osteolysis: a review of seven cases, **68B**, *24
with **Dyson, P.H.P.** Relationship of the site of open biopsy of malignant bone tumours to local recurrence following resection and prosthetic replacement, **69B**, 492
with **Pozo, J.L.** *and* **Catterall, A.** The Colonna–Hey Groves arthroplasty in the late treatment of congenital dislocation of the hip: a long-term review, **69B**, *220
with **Rashleigh-Belcher, H.J.C.** Recurrent dislocation of the hip with a "Bankart-type" lesion, **68B**, *398
with others. A long-term study following Bennett's fracture, **68B**, 157
Cantrell, R.W. *with others*. Late esophageal perforation from an autogenous bone graft: report of a case, **67A**, *644
Capanna, R. *with* **Rock, M.G.** *and* **Campanacci, M.** Sacro-coccygeal chordoma, **68B**, 849
with others. Adjuvant chemotherapy for malignant fibrous histiocytoma in the femur and tibia, **67A**, *620
with others. Aneurysmal bone cyst of the spine, **67A**, *527
with others. Chondroblastoma: a review of seventy cases, **67A**, *748
with others. Medullary involvement in parosteal osteosarcoma: a case report, **69A**, *131
Caparros, B. *with others*. Pelvic Ewing's sarcoma: advances in treatment, **65A**, *738
Capello, W.N. *with* **Misamore, G.W.** *and* **Trancik, T.M.** The Indiana conservative (surface-replacement) hip arthroplasty, **66A**, *518
Capello, W.R. *with others*. The effects of surgical procedures on the blood supply to the femoral head, **65A**, *1127
Cardea, J.A. *with others*. Dynamic musculotendinous transfer to replace the anterior cruciate ligament in the dog, **65B**, *650
Carden, D.G. *with others*. Conservative versus surgical treatment for Achilles tendon rupture, **66B**, 284
with others. Rupture of the calcaneal tendon: the early and late management, **69B**, *416
with others. The results of early mobilisation of fractures of the neck of the fifth metacarpal, **67B**, 492
Cardoso, T.P. *with* **Hanspal, R.S.** *and* **Older, M.W.J.** The medial shelf: an anatomical, clinical and pathological study, **66B**, 280
Care, A.D. *with others*. Antibodies against vitamin D derivatives: development of a solid-phase radio-immunoassay for 1,25-dihydroxy-cholecalciferol, **65B**, 91
Carey, R. *with* **Moran, P.L.** *and* **Cole, W.G.** Slipped femoral capital epiphysis: a follow-up study, **68B**, *336
Carey, R.P.L. Simultaneous dislocation of the elbow and the proximal radio-ulnar joint, **66B**, *254
Synovial chondromatosis of the knee in childhood: a report of two cases, **65B**, *444
with **McMaster, M.J.** The lumbar theco-peritoneal shunt syndrome and its surgical management, **67B**, *198
with **de Campo, J.F.** *and* **Menelaus, M.B.** Measurement of leg length by computerised tomographic scanography, **69B**, *846(*brief report*)
Carlioz, H. *with* **Kaelin, A.** *and* **Hulin, P.H.** Congenital aplasia of the cruciate ligaments: a report of six cases, **68B**, *827
Carlson, J.M. *with* **Lonstein, J.E.** The prediction of curve progression in untreated idiopathic scoliosis during growth, **66A**, *1061
Carlson, L.V. *with others*. The mechanical properties of cement and loosening of the femoral component of hip replacements, **69B**, *558
Carluccio, L. *with others*. Dextran/aspirin versus heparin/dihydroergotamine in preventing thrombosis after hip fractures, **67B**, *305
Carpenter, E.B. Resection of the proximal third of the femur for chondrosarcoma: replacement with a metallic prosthesis: a note after fifteen years of follow-up, **69A**, *279
Carr, A.J. *with* **Norris, S.H.** Microvascular anatomy of calcaneal tendon, **69B**, 679
Carr, P.H. *with others*. 25-OHD levels in institutionalised groups, **65B**, 92
Carrera, G. *with* **Johnson, R.P.** Chronic capitolunate instability, **69A**, 951(*correspondence*)
Carrera, G.F. *with* **Brewer, B.J.** *and* **Wubben, R.C.** Excessive retroversion of the glenoid cavity: a cause of non-traumatic posterior instability of the shoulder, **68A**, *724
with **Brewer, B.J.** *and* **Wubben, R.C.** Excessive retroversion of the glenoid cavity: a cause of non-traumatic posterior instability of the shoulder, **69A**, 632(*correspondence*)
with **Johnson, R.P.** Chronic capitolunate instability, **68A**, *1164
Carroll, N.C. *with* **Yoneda, B.** One-stage surgical management of resistant clubfoot, **66B**, 302
Carron, H. *with* **Korbon, G.A.** *and* **Rowlingson, J.C.** The use of epidural steroids in the treatment of lumbar radicular pain, **68A**, 788(*correspondence*)
with **Simon, D.** *and* **Rowlingson, J.** The use of epidural steroids in the treatment of lumbar radicular pain: a prospective, randomized, double-blind study, **67A**, 981(*correspondence*)
Carson, R.W. *with others*. Arthroscopic partial medial meniscectomy in the older patient, **66A**, *547
Carter, J.L. *with others*. Cementless salvage of failed total hip arthroplasty: four years' experience with the ceramic coated Bousquet prosthesis, **69B**, 509
Carter, J.R. Mechanisms of cancer metastasis to bone, **69A**, 309(*correspondence*)
with **Berrettoni, B.A.** Mechanisms of cancer metastasis to bone, **68A**, *308(*current concepts review*)
with others. Primary neoplasms of the cervical spine: diagnosis and treatment of twenty-three patients, **68A**, *483
Carter, R.L. *with* **Hamblen, D.L.** Sarcoma and joint replacement, **66B**, 625(*editorial*)
Carter, S.R. Stress fracture of the sacrum, **69B**, *843(*brief report*)
Carter, V.S. *with others*. Surgical treatment of tears of the rotator cuff in athletes, **68A**, *887
with others. The coracoid transfer for recurrent anterior instability of the shoulder in adolescents, **67A**, *383
Casewell, M.W. *with others*. The management of infected total knee replacements, **67B**, *764
with others. The treatment of infected total knee replacements, **67B**, 144
Casey, B. Rehabilitation of the knee joint following surgery for chronic instability, **65B**, 671(*discussion*)
Casey, B.H. A critical review of 274 metacarpophalangeal arthroplasties, **66B**, 777(*discussion*)
Posterolateral instability following anterior cruciate loss, **68B**, 338
Caspari, R.B. *Book reviews*, **68A**, 1134
Cass, J.R. *with* **Funk, D.A.** *and* **Johnson, K.A.** Acquired adult flat foot secondary to posterior tibial-tendon pathology, **68A**, *95
with **Peterson, H.A.** Salter–Harris Type-IV injuries of the distal tibial epiphyseal growth plate, with emphasis on those involving the medial malleolus, **65A**, *1059
with **Staeheli, J.W.** *and* **Morrey, B.F.** Condylar total knee arthroplasty after failed proximal tibial osteotomy, **69A**, *28
Cassidy, D. *with others*. Radiological evaluation of lumbar instability with regard to the predominant lesion concept, **66B**, 298
Castaing, J. The long-term results of late subtalar arthrodesis after injury of the hindfoot, **66B**, 144(*discussion*)
Casteleyn, P.P. *with* **Opdecam, P.** Perforation of the external iliac artery and ureter presenting as acute hemorrhagic cystitis after total hip replacement: report of a case, **69A**, 1304(*correspondence*)
with **de Boeck, H.** *and* **Opdecam, P.** Fracture of the medial humeral condyle: report of a case in an infant, **69A**, *1442
Castle, M.E. *with* **Buckerfield, C.T.** Acute traumatic retrosternal dislocation of the clavicle, **66A**, *379
Castleman, C.F. The postoperative rehabilitation of the shoulder, **69B**, 683
Caterini, R. *with* **Ippolito, E.** *and* **Scola, E.** Supracondylar fractures of the humerus in children: analysis at maturity of fifty-three patients treated conservatively, **68A**, *333, 1304(*correspondence*)
Catterall, A. *Book reviews*, **65B**, 525
Lengthening of the lower limb: experiences and complications of the Wagner method, **66B**, 149(*discussion*)
The Oxford clubfoot programme, **66B**, 142(*discussion*)
What is congenital dislocation of the hip?, **66B**, 469(*editorial*)
with **Dorrell, J.H.** The torn acetabular labrum, **68B**, *400
with **Dyson, P.H.P.** *and* **Lynskey, T.G.** Congenital hip dysplasia: problems in the diagnosis and management of the abnormal hip in the first year, **69B**, 155
with **Kernohan, J.G.** *and* **Calvert, P.T.** An investigation of the hydraulic behaviour of the proximal femoral capital epiphysis, **67B**, 318
with **Pozo, J.L.** *and* **Cannon, S.R.** The Colonna–Hey Groves arthroplasty in the late treatment of congenital dislocation of the hip: a long-term review, **69B**, *220
with **Quain, S.** Hinge abduction of the hip: diagnosis and treatment, **68B**, *61
with **Scott, W.A.** *and* **Hosking, S.W.** Talipes equinovarus: is the tether medial or lateral?, **65B**, 221
with **Scott, W.A.** *and* **Hosking, S.W.** Club foot, **66B**, *71
with **Williams, D.H.** *and* **Grant, C.E.P.** Posterolateral release for resistant club foot: early clinical experience, **69B**, 155
with others. A long-term study of the Chiari pelvic osteotomy for congenital dislocation of the hip and acetabular dysplasia, **69B**, 156
with others. Experimental temporary vascular occlusion of the growing femoral head, **65B**, 657
with others. Interference with the vitamin K_1 cycle in fracture healing, **65B**, 365
with others. The Chiari pelvic osteotomy: a review of the long-term results, **69B**, *551

* Indicates full article or appreciable part

Catterall, R.C.F. *Book reviews*, **66B**, 620
Hubert Lyon-Campbell Wood, **65B**, 87(*obituary*)
Mechanical factors in the incidence of adolescent patellofemoral pain, **66B**, 280(*discussion*)
with **Evans, D.L.** The hand-over, **65B**, 233(*editorial*)
Caudle, R.J. *with* **Stern, P.J.** Melorheostosis of the hand: a case report with long-term follow-up, **69A**, *1229
with **Stern, P.J.** Severe open fractures of the tibia, **69A**, *801
Caughey, M.A. *with* **Gray, D.H.** Results of the Magnusson-Stack procedure for recurrent dislocation of the shoulder, **65B**, 518
with **Wilson-MacDonald, J.** *and* **Myers, D.B.** Diurnal variation in median nerve conduction, hand volume and grip strength in the carpal tunnel, **67B**, 679
Caullay, J.M. *with* **Mann, T.S.** Acute haematogenous osteomyelitis: high dose antibiotic treatment, **66B**, 145
with **Rymaszewski, L.A.** Bony lacerations caused by assault, **66B**, *89
Caulo, N. *with others*. The use of pulsing electromagnetic fields to achieve arthrodesis of the knee following failed total knee arthroplasty: a preliminary report, **65A**, *480
Cavanagh, S.P. *with* **Bonney, G.** *and* **Birch, R.** The infraclavicular brachial plexus: the case for primary repair, **69B**, 489
Cavendish, M.E. Late flexible carbon-fibre ligament reconstruction for knee instability, **65B**, 227(*discussion*)
with **Soni, R.K.** A review of the Liverpool elbow prosthesis from 1974 to 1982, **66B**, *248
with others. The long-term results of the Liverpool Mark II knee prosthesis, **68B**, *111
Cayea, P.D. *with others*. The accuracy of double-contrast arthrographic evaluation of the anterior cruciate ligament: a retrospective review of one hundred and sixty-three knees with surgical confirmation, **65A**, *175
Ceciliani, L. *with* **Pazzaglia, U.E.** Periosteal chondroma of the humerus leading to shortening: a case report, **67B**, *290
with others. Myositis ossificans in the newborn: a case report, **68A**, *456
with others. Pathology of infantile cortical hyperostosis (Caffey's disease): report of a case, **67A**, *1417
Cederberg, P.A. *with* **Pritchard, D.J.** *and* **Joyce, J.W.** Doppler-determined segmental pressures and wound-healing in amputations for vascular disease, **65A**, *363
Cerullo, G. *with* **Ferretti, A.** *and* **Russo, G.** Suprascapular neuropathy in volleyball players, **69A**, *260
Cervellati, C. *with* **Campanacci, M.** *and* **Donati, U.** Autogenous patella as replacement for a resected femoral or tibial condyle: a report on 19 cases, **67B**, *557
Chacko, V. *with* **Joseph, B.** Chronic post-rheumatic-fever arthritis (Jaccoud's arthritis) involving the feet: a case report, **66A**, *1124
Chacon, N.E. *with* **Moneim, M.S.** Salvage of replanted parts of the upper extremity, **67A**, *880
Chadwick, C.J. *with* **Bentley, G.** Prognosis and classification of epiphysial injuries, **67B**, 148
Chaise, F. *with* **Roger, B.** Neurolysis of the common peroneal nerve in leprosy: a report on 22 patients, **67B**, *426
Chalmers, J. *Book reviews*, **67B**, 171
A computerised study of high femoral fractures: initial results, **67B**, 147(*discussion*)
with **Irvine, G.B.** Fractures of the femoral neck in hyperparathyroidism, **69B**, 490
with **McQueen, M.M.** *and* **MacLaren, A.** The value of remanipulating Colles' fractures, **68B**, *232
with **McQueen, M.M.** *and* **Smith, G.D.** Spontaneous healing of aneurysmal bone cysts: a report of two cases, **67B**, *310
with **Smith, G.D.** *and* **McQueen, M.M.** Osteosarcoma arising in relation to an enchondroma: a report of three cases, **68B**, *315
with others. Conservative versus surgical treatment for Achilles tendon rupture, **66B**, 284
with others. Rupture of the calcaneal tendon: the early and late management, **69B**, *416
Chambat, P. *with others*. Osteochondritis dissecans of the patella: a report of 25 cases, **66B**, 146
Chambers, R.B. *with* **Volpicelli, L.J.** *and* **Wagner, F.W., Jr.** Ambulation levels of bilateral lower-extremity amputees: analysis of one hundred and three cases, **65A**, *599
Chambers, T.J. Osteoblasts release osteoclasts from calcitonin-induced quiescence, **65B**, 94
Chan, A. *with others*. Scoliosis screening: a needs study, **69B**, 167
Chan, D. *with* **Cole, W.G.** *and* **Bateman, J.** Collagen mutation in a form of the Ehlers–Danlos syndrome, **68B**, 334
with others. Structural defects of Type I procollagen in lethal perinatal osteogenesis imperfecta, **65B**, 672
with others. Type I procollagen defect in lethal perinatal osteogenesis imperfecta, **65B**, 100
Chan, K.H. *with others*. An anthropometric basis for design in total knee arthroplasty, **69B**, 505
Chan, K.M. *with* **Lamb, D.W.** Surgical reconstruction of the upper limb in traumatic tetraplegia: a review of 41 patients, **65B**, *291
Chan, K.W. *with others*. Pre-operative chemotherapy in osteosarcoma, **67B**, 329
with others. Rosai-Dorfman disease presenting as spinal tumour: a case report with ultrastructural and immunohistochemical studies, **67A**, *1427
Chan, R.N.W. *with others*. The diagnosis and management of chronic compartment syndromes of the leg, **66B**, 276
with others. Weakness of foot dorsiflexion and changes in compartment pressures after tibial osteotomy, **68B**, *471
Chana, G.S. *with* **Andrew, T.A.** *and* **Cotterill, C.P.** A simple method of arthrodesis of the first metatarsophalangeal joint, **66B**, *703
Chance, B. *with others*. A comparative study of the tolerance of skeletal muscle to ischaemia: tourniquet application compared with acute compartment syndrome, **68A**, *820
with others. Compartment syndrome: a bioenergetic study using ^{31}P-NMR spectroscopy, **67B**, 330
with others. Optimizing tourniquet application and release times in extremity surgery: a biochemical and ultrastructural study, **67A**, *303
Chandler, R. *Book reviews*, **65A**, 573
Chandler, R.W. *with others*. Unilateral facet dislocation at the lumbosacral junction: case report and literature review, **65A**, *1174
Chang, B.D. *with others*. Early diagnosis of scoliosis based on school-screening, **67A**, *1202
Chang, S. *with others*. The cervical disc syndrome: discographic assessment of the damaged cervical disc, **68B**, 335
Chang, Y.Y. *with others*. Early diagnosis of scoliosis based on school-screening, **67A**, *1202
Channon, G.M. *with* **Leyshon, R.L.** *and* **Jenkins, D.H.R.** Late flexible carbon-fibre ligament reconstruction for knee instability, **65B**, 227
with others. Flexible carbon fibre in late ligamentous reconstruction for instability of the knee, **66B**, *196
Chao, E.Y. *with* **Rock, M.G.** *and* **Sim, F.H.** Limb salvage procedures for primary bone tumours of the shoulder, **68B**, 849
Chao, E.Y.S. *with* **Buck, P.** *and* **Morrey, B.F.** The optimum position of arthrodesis of the ankle: a gait study of the knee and ankle, **69A**, *1052
with **Hirasawa, Y.** Iwao Yasuda, **66A**, 311(*obituary*)
with **Rand, J.A.** *and* **Bryan, R.S.** Failed total knee arthroplasty treated by arthrodesis of the knee using the Ace-Fischer apparatus, **69A**, *39
with **Rand, J.A.** *and* **Stauffer, R.N.** Kinematic rotating-hinge total knee arthroplasty, **69A**, *489
with others. Biomedical study of the ligamentous system of the acromioclavicular joint, **68A**, *434
with others. Comparison of osteotomy healing under external fixation devices with different stiffness characteristics, **66A**, *1258
with others. Comparison of the effects of compression plates and external fixators on early bone-healing, **66A**, *1084
with others. External skeletal fixation of canine tibial osteotomies: compression compared with no compression, **67A**, *598
with others. The early healing of tibial osteotomies stabilized by one-plane or two-plane external fixation, **69A**, *355
with others. The effect of load alteration on the biological and biomechanical performance of a titanium fiber–metal segmental prosthesis, **68A**, *118
Chapman, J.A. Isometric replacement of the anterior cruciate ligament, **69B**, 849
Popliteal artery damage in closed injuries of the knee, **67B**, *420
with **Lumb, G.A.** The effect of zinc deficiency on experimental fracture healing, **66B**, 287
with **Rickards, D.** Computerised tomography of the anterior cruciate ligament, **66B**, 281
Chapman, R.G. *with* **Bunch, W.H.** *and* **Dvonch, V.M.** The candidate's view of the orthopaedic residency selection process, **68A**, *1292
with **Bunch, W.H.** Patient preferences in surgery for scoliosis, **67A**, *794
Chappell, D. *with others*. Mechanical and biochemical properties of human articular cartilage in osteoarthritic femoral heads and in autopsy specimens, **68B**, *278
with others. Mechanical and biochemical properties of human articular cartilage from the femoral head after subcapital fracture, **68B**, *418
Chappell, D.J. *with others*. Chemical and mechanical changes in the articular cartilage of the femoral head in osteoarthritis and subcapital fracture, **66B**, 288
Charles, R.W. The surgical treatment of thoracolumbar spinal injuries: the Durban experience, **68B**, 508
with **Govender, S.** "Hangman's fracture": a misnomer, **69B**, 684
Chase, A.P. *with* **Bader, D.L.** *and* **Houghton, G.R.** The biomechanical effectiveness of the Boston brace in the management of adolescent idiopathic scoliosis, **69B**, 852
Chatterton, B.E. *with* **Howie, D.W.** *and* **Hone, M.R.** Failure of ultrasound in the investigation of sciatica, **65B**, *144
Chavassieux, P.M. *with others*. Bone histology in adults with aseptic necrosis: histomorphometric evaluation of iliac biopsies in seventy-seven patients, **65A**, *1319
Chawla, J.C. *Book reviews*, **68B**, 166
Chay, S.O. *with others*. Idiopathic scoliosis: prevalence and ethnic distribution in Singapore schoolchildren, **67B**, *182

* Indicates full article or appreciable part

Chayen, J. *with others.* Alterations in the bone quality of patients with proximal femoral fractures, **68B**, 839
with others. Changes in crystal size and orientation of acidic glycosaminoglycans at the fracture site in fractured necks of femur, **65B**, *189
with others. Changes in optical properties of the inorganic and organic bone matrix components in fractured neck of femur, **65B**, 90
with others. Interference with the vitamin K_1 cycle in fracture healing, **65B**, 365
with others. Major components of bone in subcapital and trochanteric fractures: a comparative study, **69B**, *234
with others. The acute effect of loading on bone tissue in vivo: a possible signal for mechanical control of bone remodelling, **68B**, 840
Che, B.Y. *with* **Armstrong, G.W.D.** Sacral configuration in dysplastic spondylolisthesis, **67B**, 335
Checketts, R.G. *with* **Nutton, R.W.** The effects of trochanteric osteotomy on abductor power, **66B**, *180
with others. A comparison of operative and conservative treatment for unstable trochanteric fractures, **67B**, 495
Chen, S.C. Lengthening of the lower limb: experiences and complications of the Wagner method, **66B**, 149(*discussion*)
with **Ali, M.A.** Metatarsal osteotomies: a comparison between the power saw and bone cutters, **67B**, 671
with **Harding, M.** A modification of Keller's operation, **68B**, 845
with **Khan, O.** A comparative study of metatarsal osteotomies with and without open reduction of associated metatarsophalangeal joint dislocations, **67B**, 671
with **Ramanathan, E.B.S.** The treatment of patellar instability by lateral release, **66B**, *344
Cheng, C.L. *with* **Hsu, L.C.S.** Pott's paraplegia of late onset: recovery after anterior decompression, **68B**, 676
Cherney, D.L. *with* **Amstutz, H.C.** Total hip replacement in the previously septic hip, **65A**, *1256
Chess, D.G. *with* **Hyndman, J.C.** *and* **Leahey, J.L.** Short arm plaster for paediatric distal forearm fractures, **69B**, 506
with **Leahey, J.L.** Aetiology of the "gunstock deformity", **69B**, 501
Chesterman, P.J. *with* **Ross, A.C.** Isolated avulsion of the tibial attachment of the posterior cruciate ligament in childhood, **68B**, *747(*brief report*)
Chew, D.E. *with* **Barrett, W.P.** *and* **Staheli, L.T.** The effectiveness of the Salter innominate osteotomy in the treatment of congenital dislocation of the hip, **68A**, *79
with **Staheli, L.T.** *and* **Corbett, M.** The longitudinal arch: a survey of eight hundred and eighty-two feet in normal children and adults, **69A**, *426
Chigira, M. *with others.* Sternocostoclavicular hyperostosis: a report of nineteen cases, with special reference to etiology and treatment, **68A**, *103
with others. The aetiology and treatment of simple bone cysts, **65B**, *633
Ching, B. *with others* Ceramics for bone replacement, **65B**, 668
Ching, W. *with others.* The use of ceramics for bone replacement, **66B**, 269
Chirico, G. *with others.* Pathology of infantile cortical hyperostosis (Caffey's disease): report of a case, **67A**, *1417
Chisin, R. *with others.* Recurrent stress fractures in military recruits: one-year follow-up of 66 recruits, **68B**, *439
with others. Stress fractures and tibial bone width: a risk factor, **69B**, *326
with others. Stress fractures in military recruits, **67B**, *732
Chitwood, J.W. Prophylaxis of venous thromboembolic disease following hip and knee surgery, **68A**, 1304(*correspondence*)
Chopin, D.C. *with* **Speck, G.R.** The surgical treatment of Scheuermann's kyphosis, **68B**, *189
Chow, J.A. *with others.* Anatomical basis for repair of ulnar and median nerves in the distal part of the forearm by group fascicular suture and nerve-grafting, **68A**, * 273
Chow, S.P. *with others.* *Mycobacterium marinum* infection of the hand and wrist: results of conservative treatment in twenty-four cases, **69A**, *1161
Chow, Y.Y.N. *with* **Leung, P.C.** Reconstruction of proximal femoral defects with a vascular-pedicled graft, **66B**, *32
with others. Rosai-Dorfman disease presenting as spinal tumour: a case report with ultrastructural and immunohistochemical studies, **67A**, *1427
Choy, F. *with* **Bouillon, L.** *and* **Laurin, C.A.** Detection and diagnosis of Gaucher's disease prior to the onset of skeletal lesions, **66B**, 302
Chrisman, O.D. *with* **Snook, G.A.** *and* **Wilson, T.C.** Long-term results of the Chrisman–Snook operation for reconstruction of the lateral ligaments of the ankle, **67A**, *1
Christensen, F. *with others.* Osteoarthritis of the hip in patients with proximal femoral fractures, **69B**, *529(*brief report*) *with* **Søballe, K.** Laceration of the superficial femoral artery by an intertrochanteric fracture fragment: a case report, **69A**, *781
with others. The Catterall classification of Perthes' disease: an assessment of reliability, **68B**, *614
Christensen, K.S. *with* **Klarke, M.** Transcutaneous oxygen measurement in peripheral occlusive disease: an indicator of wound healing in leg amputation, **68B**, *423
Christensen, P. *with* **Larsen, E.** *and* **Bjerg-Nielsen, A.** Conservative or surgical treatment of acromioclavicular dislocation: a prospective, controlled, randomized study, **68A**, *552
Christiansen, K. *with* **Webb, F.B.** The incorporation of gentamicin in bone cement: clinical studies on toxicity and therapeutic efficacy, **66B**, 783
Christie, J. *with* **Howie, C.R.** *and* **Watson, H.** A prospective randomised trial of compression screw fixation versus double divergent pin fixation for displaced subcapital fracture of the femur, **69B**, 490
with others. The closed interlocking femoral intramedullary nail: experience and complications in the first 100 patients, **69B**, 489
with others. Torsion of localised pigmented villonodular synovitis of the knee, **67B**, *564
Christodoulou, A.G. *with* **Webb, J.K.** Anterior fusion in scoliosis: Zielke technique, **66B**, 284
with others. Adolescent idiopathic thoracic scoliosis: a prospective trial with and without bracing during postoperative care, **69B**, *13
Christoferson, M.R. *with others.* Lyme arthritis in children: an orthopaedic perspective, **69A**, *96
Christopherson, T. *with others.* The tibial subchondral plate: a scanning electron microscopic study, **69A**, *1212
Christy, G. *with* **Beighton, P.H.** *and* **Learmonth, I.D.** Namaqualand hip dysplasia: an autosomal dominant entity, **67B**, 506
Chu, W.-K. *with others.* Limb-length discrepancy measured with computerized axial tomographic equipment, **69A**, *699
Chuinard, R.G. *with* **Maki, N.J.** *and* **D'Ambrosia, R.D.** Isolated, complete radial dislocation of the scaphoid: a case report and review of the literature, **65A**, 871(*correspondence*)
Chumas, P. *with others.* Does increasing the size of suction drains reduce the incidence of postoperative wound haematoma as assessed by ultrasound, **69B**, 497
Churches, A. *with* **Walsh, M.J.** *and* **Fischer, W.** A new device for knee surgery, **68B**, 338
Cikrit, D. *with others.* Injury to the popliteal artery as a complication of arthroscopic surgery: a report of two cases, **69A**, *783
Cilliers, H.J. Beukes' familial hip dysplasia, **67B**, 506
Bone changes after alcohol abuse, **67B**, 506(*discussion*)
Slipped capital femoral epiphysis: the Bloemfontein experience, **66B**, 448
Stress fractures of the tibia: diagnostic pitfalls in children, **66B**, 450(*discussion*)
Total knee replacement: the Bloemfontein experience with the total condylar knee, **68B**, 503
Cilliers, H.S. The external fixator in complicated shaft fractures of the femur, **66B**, 459(*discussion*)
Citron, K.M. *with others.* Bone and joint tuberculosis, **66B**, *326
Citron, N. *with* **Neil, M.** Dorsal edge osteotomy of the proximal phalanx for hallux rigidus: long-term results, **69B**, *835
with others. Intramedullary spinal cord tumours presenting as scoliosis, **66B**, *513
Citron, N.D. *with* **Paterson, F.W.N.** *and* **Jackson, A.M.** Neuropathic osteonecrosis of the lateral femoral condyle in childhood, **67B**, 848
with **Paterson, F.W.N.** *and* **Jackson, A.M.** Neuropathic osteonecrosis of the lateral femoral condyle in childhood: a report on four cases, **68B**, *96
Ciullo, J.V. *with* **Rowe, C.R.** *and* **Zarins, B.** Recurrent anterior dislocation of the shoulder after surgical repair: apparent causes of failure and treatment, **66A**, *159
Claassen, H. *with others.* The lower-extremity musculature in chronic symptomatic instability of the anterior cruciate ligament, **67A**, *1034
Clader, T.J. *with* **Dawson, E.G.** *and* **Bassett, L.W.** A comparison of different methods used to diagnose pseudoarthrosis following posterior spinal fusion for scoliosis, **67A**, *1153
Claffey, T.J. High tibial osteotomy for osteoarthritis of the knee, **65B**, 517(*discussion*)
Spontaneous rupture of the deltoid, **65B**, 518(*discussion*)
The surgical treatment of the destroyed hip joint in the young, **66B**, 786
Virtus sola nobilitat (*Presidential address*, Australian Orthopaedic Association), **66B**, 773
with **Courtenay, B.** *and* **Yeates, M.** Bone scanning of fresh femoral neck fractures, **65B**, 666
Clancey, G.J. Acute posterior compartment syndrome in the thigh: a case report, **67A**, *1278
Osteolysis of the distal part of the clavicle in male athletes, **65A**, 421(*correspondence*)
Percutaneous Kirschner-wire fixation of Colles fractures: a prospective study of thirty cases, **66A**, *1008
with **Smith, R.F.** *and* **Madenwald, M.B.** Fractures of the distal end of the femur below hip implants in elderly patients: treatment with the Zickel supracondylar device, **65A**, *491
Clancy, M. *with* **Steel, H.H.** The effect of an incomplete intertrochanteric osteotomy on Legg-Calvé-Perthes disease, **67A**, *213
with others. Iliofemoral fusion for proximal femoral focal deficiency, **69A**, *837
Clancy, W.G., Jr. *with others.* Treatment of knee joint instability secondary to rupture of the posterior cruciate ligament: report of a new procedure, **65A**, *310
Clarac, J.P. *with others.* Metastases of a lingual epidermoid carcinoma in a femur affected by Paget disease: report of a case, **69A**, *1440

* Indicates full article or appreciable part

Claridge, R.J. *with* **Gropper, P.T.** *and* **McGraw, R.W.** Swanson implant arthroplasty in the distal radio-ulnar joint, **67B**, 330
with others. Results of revision total hip surgery at Vancouver General Hospital, **68B**, 851
Clark, A.L. *with* **Crawford, E.J.P.** *and* **Baird, P.R.E.** Cauda equina and lumbar nerve root compression in patients with AIDS, **69B**, *36
Clark, C.R. *with* **El-Khoury, G.Y.** *and* **Gravett, A.W.** Acute traumatic rotatory atlanto-axial dislocation in children: a report of three cases, **66A**, *774
with **Keggi, K.J.** *and* **Panjabi, M.M.** Methylmethacrylate stabilization of the cervical spine, **66A**, *40
with **Ogden, J.A.** Development of the menisci of the human knee joint: morphological changes and their potential role in childhood meniscal injury, **65A**, *538
with **White, A.A., III** Fractures of the dens: a multicenter study, **67A**, *1340
Clark, D.W. *with* **Sadr, B.** Dislocation following Thompson arthroplasty performed through the McFarland–Osborne approach to the hip, **67B**, 153
with others. Lung function in scoliosis corrected by Harrington instrumentation with and without sublaminar segmental wiring, **69B**, 853
Clark, J.A. *with others.* Plantar pressures, gait analysis, foot shape and lower limb rotation patterns in growing children, **65B**, 366
Clark, J.M. *with* **Haynor, D.R.** Anatomy of the abductor muscles of the hip as studied by computed tomography, **69A**, *1021
Clarke, N.M.P. Abductor contracture of the infantile hip, **67B**, 149(*discussion*)
Congenital dislocation of the hip: the future contribution of ultrasonic examination for CDH, **67B**, 487
with **Harrison, M.H.M.** *and* **Keret, D.** The sagging rope sign: a critical appraisal, **65B**, *285
with **Harrison, M.H.M.** Painful sequelae of coxa plana, **65A**, *13
with others. Coxa plana — the fate of the physis, **66A**, *870
with **Harrison, M.H.M.** Slipped upper femoral epiphysis: a potential for spontaneous recovery, **68B**, *541
with others. Experience of real-time ultrasonography of the infant hip joint, **67B**, 149
with others. Real-time ultrasound in the diagnosis of congenital dislocation and dysplasia of the hip, **67B**, *406
Clawson, D.K. *with* **Winquist, R.A.** *and* **Hansen, S.T., Jr.** Closed intramedullary nailing of femoral fractures: a report of five hundred and twenty cases, **66A**, *529
Clay, N.R. *with* **Beauchamp, C.G.** *and* **Thexton, P.W.** Displaced ankle fractures in patients over 50 years of age, **65B**, *329
Clayden, A.D. *with others.* The results of pantalar reduction in the management of congenital talipes equinovarus, **65B**, *1
Clayson, A. *with others.* Is carpal tunnel release always successful?, **65B**, 222
Clayton, C.B. *with others.* Early scintigraphy of tibial-shaft fractures: prognostic value?, **65B**, 223
Clayton, M. *with others.* Composite structure fixation in total knee arthroplasty: a preliminary report of a multi-centre clinical trial, **66B**, 300
Clayton, M.L. *with* **Dennis, D.A.** *and* **Ferlic, D.C.** Acromial stress fractures associated with cuff-tear arthroplasty: a report of three cases, **68A**, *937
with **Hofammann, D.Y.** *and* **Ferlic, D.C.** Arthroplasty of the basal joint of the thumb using a silicone prosthesis: long-term follow-up, **69A**, *993
Cleary, J.E. *with* **Omer, G.E., Jr.** Congenital proximal radio-ulnar synostosis: natural history and functional assessment, **67A**, *539
Clelland, C.J. Patellar release/repositioning operation for recurrent, habitual and persistent dislocation of the patella, **67B**, 155(*discussion*)
Clement, D.A. *with* **Colton, C.L.** Overgrowth of the femur after fracture in childhood: an increased effect in boys, **68B**, *534
with **Papagiannopoulos, G.** Treatment of fractures of the distal third of the femur: a prospective trial of the Derby intramedullary nail, **69B**, *67
with **Szypryt, E.P.** *and* **Colton, C.L.** Comparison of Dunn's open reduction versus epiphysiodesis and surgical osteoplasty for slipped upper femoral epiphysis, **69B**, 491
with **Szypryt, E.P.** *and* **Colton, C.L.** Open reduction or epiphysiodesis for slipped upper femoral epiphysis: a comparison of Dunn's operation and the Heyman–Herndon procedure, **69B**, *717
with **Szypryt, E.P.** An experimental study in the rabbit of the role of corticocancellous bone graft to augment plate fixation of a contaminated osteotomy, **69B**, 496
with **Worlock, P.H.** Triplane fracture of the distal tibia: a variant in cases with an open growth plate, **69B**, *412
Clements, J. *with others.* Spine radiographs in patients with low-back pain: an epidemiological study in men, **66A**, *1048
Clements, J.H. *with others.* Risk factors in low-back pain: an epidemiological survey, **65A**, *213
Clifford, B. *with others.* Functional electrical stimulation of the peroneal nerve for hemiplegia: long-term clinical follow-up, **67A**, *792
Clifford, R.P. *with others.* Functional results after immediate internal fixation of open tibial fractures, **67B**, 325
Cloos, D.W. *with others.* Total knee arthroplasty in juvenile rheumatoid arthritis, **65A**, *1071
Clothier, J.C. *Book reviews*, **68B**, 168
Clough, J.R. *with* **Ratliff, A.H.C.** *and* **Buirski, G.** Malignant cartilage-cell tumours of the pelvis: is hindquarter amputation avoidable?, **68B**, 671
Cloutier, J-M. Results of total knee arthroplasty with a non-constrained prosthesis, **65A**, *906
Clyburn, T.A. Dynamic external fixation for comminuted intra-articular fractures of the distal end of the radius, **69A**, *248, 1110(*correspondence*)
Coates, C.J. *with* **Bolton-Maggs, B.G.** *and* **Helal, B.H.** Interpositional arthroplasty in the management of the rheumatoid elbow, **69B**, 488
with others. Early mobilisation of Colles' fractures: a prospective trial, **69B**, *727
Coats, L.S. Gastrosoleal flap reinforcement in acute rupture of the Achilles tendon: five-year review, **66B**, 781(*discussion*)
Cobb, A.G. *with* **Gibson, P.H.** Internal fixation of subcapital fracture of the femur with AO cancellous screws, **68B**, 666
with **Houghton, G.R.** Comparison of local anaesthetic infiltration and intravenous regional anaesthesia in patients with Colles' fracture, **67B**, 845
with others. Colles' fractures, one year after injury: a prospective study, **68B**, 158
Cobb, N.J. *with others.* The Denham knee replacement (The British Orthopaedic Study Group); **67B**, 489
Cochran, T.P. *with* **Bayley, J.C.** *and* **Sledge, C.B.** The weight-bearing shoulder: the impingement syndrome in paraplegics, **69A**, *676
Coci, A. *with others.* Myositis ossificans in the newborn: a case report, **68A**, *456
Cocke, T.B. *with* **Mathews, R.E.** *and* **D'Ambrosia, R.D.** Scapular fractures secondary to seizures in patients with osteodystrophy: report of two cases and review of the literature, **65A**, *850
Cockerell, A.R. Closed partial meniscectomy for mechanical symptoms: early results, **65B**, 517(*discussion*)
Primary total hip replacement for displaced intracapsular fractures of the femur, **66B**, 614(*discussion*)
Coe, J.D. *with* **Murphy, W.A.** *and* **Whyte, M.P.** Management of femoral fractures and pseudofractures in adult hypophosphatasia, **68A**, *981
Cofield, R. *with* **Rock, M.G.** *and* **Langer, F.** Intercalary allograft and custom Neer prosthesis after en bloc resection of the proximal humerus: early experience and complications, **69B**, 503
Cofield, R.H. Rotator cuff disease of the shoulder, **67A**, *974(*current concepts review*)
Total shoulder arthroplasty with the Neer prosthesis, **66A**, *899
with **DeOrio, J.K.** Results of a second attempt at surgical repair of a failed initial rotator-cuff repair, **66A**, *563
with others. Biomechanical study of the ligamentous system of the acromioclavicular joint, **68A**, *434
Cohen, H. *with* **Noble, J.** *and* **Heathcote, J.G.** Diabetes mellitus in the aetiology of Dupuytren's disease, **66B**, *322
with others. Aetiological studies in Dupuytren's disease, **66B**, 288
Cohen, I.J. *with others.* Fractures in children who have Gaucher disease, **69A**, *1361
Cohen, J. *Book reviews*, **65A**, 286; **66A**, 1325; **68A**, 638, 797
Book reviews, **69A**, 1118, 317, 478
"Significance" in orthopaedics, **68A**, 159(*editorial*)
The ruptured intervertebral disc: follow-up report on the first case fifty years after recognition of the syndrome and its surgical significance, **68A**, 151(*correspondence*)
William A. Elliston, **67A**, 985(*obituary*)
with **Mankin, H.J.** Crawford Jennings Campbell, **65A**, 1209(*obituary*)
Cohen, M. *with others.* A prospective evaluation of 100 severe open tibial fractures, **67B**, 325
Cohen, M.S. *with* **Gelberman, R.H.** The association of femoral retroversion with slipped capital femoral epiphysis, **69A**, 631(*correspondence*) *with others.* Femoral anteversion: a clinical assessment of idiopathic intoeing gait in children, **69B**, *75
with others. Results of surgical treatment of adults with idiopathic scoliosis, **69A**, *667
with others. The association of femoral retroversion with slipped capital femoral epiphysis, **68A**, *1000
Cohn, A.K. *with others.* Dysplasia of the knee associated with the syndrome of thrombocytopenia and absent radius, **66A**, *421
Cohn, B.T. *with* **Brahms, M.A.** *and* **Froimson, A.I.** Metastasis of adamantinoma sixteen years after knee disarticulation: report of a case, **68A**, *772
with **Krackow, K.A.** A new technique for passing tendon through bone: brief note, **69A**, *922
with **Shall, J.** *and* **Froimson, A.I.** Acute compartment syndrome of the forearm in association with fracture of the distal end of the radius: report of two cases, **68A**, *1451
Cole, E.A. *with others.* Long-term results of early surgical release in club feet, **67B**, *791
Cole, T.C. *with others.* The effects of spinal fusion on the proteoglycans of the canine intervertebral disc: an experimental model for disc degeneration, **68B**, 334
Cole, W.G. Evaluation of a teaching model for the early diagnosis of congenital dislocation of the hip, **65B**, 103
Treatment of aneurysmal bone cysts in childhood, **69B**, 163
Treatment of early-acute osteomyelitis in childhood, **69B**, *845(*brief report*)
with **Bateman, J.** *and* **Chan, D.** Collagen mutation in a form of the Ehlers–Danlos syndrome, **68B**, 334

* Indicates full article or appreciable part

Cole, W.G., (*continued*)
with **Bliss, D.** *and* **Menelaus, M.B.** The heterogeneity of non-specific chronic osteomyelitis in childhood, **69B**, 163
with **Carey, R.** *and* **Moran, P.L.** Slipped femoral capital epiphysis: a follow-up study, **68B**, *336
with **Ross, E.** Treatment of subacute osteomyelitis in childhood, **68B**, 333
with **[illegible], R.S.** Treatment of subacute osteomyelitis in childhood, **67B**, *443
with **Sugi, M.** Early plaster treatment for fractures of the femoral shaft in childhood, **69B**, *743
with others. Function after partial pelvic resection for Ewing's sarcoma, **69B**, *271
with others. Structural defects of Type I procollagen in lethal perinatal osteogenesis imperfecta, **65B**, 672
with others. Tibia vara caused by focal fibrocartilaginous dysplasia: three case reports, **67B**, *870
with others. Tibia vara due to fibrocartilaginous dysplasia, **69B**, 163
with others. Type I procollagen defect in lethal perinatal osteogenesis imperfecta, **65B**, 100
Coleman, C.R. *with* **Bohn, W.W.** Streptococcal gangrene mimicking a compartment syndrome: a case report, **67A**, *1125
Coleman, D.A. *with* **Blair, W.F.** *and* **Shurr, D.** Resection of the radial head for fracture of the radial head, **69A**, *385
Coleman, S.S. *with* **Bertin, K.C.** *and* **Horstman, J.** Isolated fracture of the lesser trochanter in adults: an initial manifestation of metastatic malignant disease, **66A**, *770
with **Richards, B.S.** Subluxation of the femoral head in coxa plana, **69A**, *1312
with others. Osteotomy of the first cuneiform as treatment of residual adduction of the fore part of the foot in club foot, **66A**, *985
Colhoun, E.N. *with* **Johnson, S.R.** *and* **Fairclough, J.A.** Bone scanning for hip fracture in patients with osteoarthritis, **69B**, *848(*brief report*)
with others. Bone scanning for suspected hip fractures: a prospective study in elderly patients, **69B**, *251
Collalto, P.M. *with others*. Traumatic atlanto-occipital joint: case report, **68A**, *1106
Collibee, J.M. Percutaneous orthopaedic surgery, **66B**, 778(*discussion*)
Collier, J.P. *with* **Brooker, A.F., Jr.** Evidence of bone ingrowth into a porous-coated prosthesis: a case report, **66A**, *619
with **West, J.D.** *and* **Mayor, M.B.** Potential errors inherent in quantitative densitometric analysis of orthopaedic radiographs: a study after total hip arthroplasty, **69A**, *58
Collins, D.N. *with* **Garvin, K.L.** *and* **Nelson, C.L.** The use of the vastus lateralis flap in patients with intractable infection after resection arthroplasty following the use of a hip implant, **69A**, *510
Collins, J.J. Absorbable suture lasso in the treatment of complete disruption of the acromioclavicular joint, **66B**, 789(*discussion*)
Bristow operation for recurrent anterior dislocation of the shoulder, **65B**, 101
Gastrosoleal flap reinforcement in acute rupture of the Achilles tendon: five-year review, **66B**, 781(*discussion*)
Collins, L.A. *with others*. An analysis of elbow flexion reconstructive procedures after brachial plexus injuries, **69B**, 488
Collins, P. *with* **Dias, L.S.** *and* **Jasty, M.J.** Rotational deformities of the lower limb in myelomeningocele: evaluation and treatment, **66A**, *215
Collins, P.A. *with* **Heater, K.** Osteosarcoma in association with infarction of bone: report of two cases, **69A**, *300
Collins, R.J. *with others*. *Mycobacterium marinum* infection of the hand and wrist: results of conservative treatment in twenty-four cases, **69A**, *1161
Collis, D.K. Cemented total hip replacement in patients who are less than fifty years old, **66A**, *353
Collopy, B.T. *with others*. An interhospital criteria audit of infection in total hip joint replacement surgery, **65B**, 663
Colman, N.D. *with others*. Diagnosis of meniscal tears using high-resolution computed tomography: correlation with arthroscopy, **69A**, *498
Colombo, A. *with others*. Myositis ossificans in the newborn: a case report, **68A**, *456
Colton, C.L. Book reviews, **66B**, 154
Bracing or plaster for Colles' fractures?: a randomised prospective controlled trial, **65B**, 221(*discussion*)
Scoliosis and other orthopaedic problems in Duchenne muscular dystrophy: a review of 82 cases, **65B**, 221 (*discussion*)
with **Clement, D.A.** Overgrowth of the femur after fracture in childhood: an increased effect in boys, **68B**, *534
with **Hardy, J.G.** Evaluation of a sterilizable radiation probe as an aid to the surgical treatment of osteoid-osteoma: technical note, **65A**, *1019
with **Szypryt, E.P.** *and* **Clement, D.A.** Comparison of Dunn's open reduction versus epiphysiodesis and surgical osteoplasty for slipped upper femoral epiphysis, **69B**, 491
with **Szypryt, E.P.** *and* **Clement, D.A.** Open reduction or epiphysiodesis for slipped upper femoral epiphysis: a comparison of Dunn's operation and the Heyman–Herndon procedure, **69B**, *737
with **Szypryt, E.P.** *and* **Hardy, J.G.** An improved technique of intra-operative bone scanning, **68B**, *643
with **Worlock, P.H.** Overhead traction in the treatment of supracondylar fractures of the humerus, **69B**, 152
Colville, J. *with* **McElwaine, J.P.** Excision arthroplasty for infected total hip replacements, **66B**, *168
Colville, J.M. *with* **Colville, M.R.** *and* **Manoli, A., II.** Posteromedial dislocation of the ankle without fracture, **69A**, *706
Colville, M.R. *with* **Colville, J.M.** *and* **Manoli, A., II.** Posteromedial dislocation of the ankle without fracture, **69A**, *706
Colwell, C.W., Jr. *with* **Camp, J.F.** Core decompression of the femoral head for osteonecrosis, **69A**, 1107(*correspondence*), 1108(*correspondence*)
with others. Heparin-associated thrombocytopenia with venous thrombosis: a case report, **67A**, *1123
Colwell, C.W., Jr. *with* **Camp, J.F.** Core decompression of the femoral head for osteonecrosis, **68A**, *1313
Comaccio, L. *with others*. The development of tibiofibular torsion in normal and clubfoot populations, **69B**, 491
Combs, C.R. *with* **Winter, W.G., Jr.** *and* **Schenkar, D.L.** Central fracture of the acetabulum: adjunctive innominate osteotomy as an aid in operative reduction: case report, **66A**, *130
Comfort, T.H. *Book reviews*, **68A**, 1310
with others. A prospective evaluation of 100 severe open tibial fractures, **67B**, 325
with others. Long-term results of distal femoral fractures, **68B**, 848
Compton, E. Failures of arthroscopic meniscectomy, **67B**, 158(*discussion*)
Intramedullary compression nail for difficult femoral fractures, **67B**, 494(*discussion*)
Plaquenil and pulmonary embolism after low-friction arthroplasty, **67B**, 153(*discussion*)
Comtet, J.J. *with others*. Surgical repair of extensive idiopathic osteolysis of the pelvic girdle (Jackson-Gorham), **66B**, 148
Conacher, C. *with* **Neil, M.J.** Bilateral delta phalanx of proximal phalanges of the great toes: report of an affected family, **66B**, *77
Conaty, J.P. *with* **Dorr, L.D.** *and* **Takei, G.K.** Total hip arthroplasties in patients less than forty-five years old, **65A**, *474
Condie, D.N. The deforming mechanism, **66B**, 772
Conner, A.N. *with* **Muirhead, A.** The assessment of lung function in children with scoliosis, **67B**, *699
with **Young, D.G.** *and* **Hide, T.A.** Occult intraspinal anomalies and congenital scoliosis, **66A**, 1319(*correspondence*)
Connolly, J.F. *with others*. Evaluation of the Noiles hinged knee prosthesis: a five-year study of seventeen knees, **68A**, *579
Connor, A.N. *with* **Di Paola, M.P.** *and* **Houston, A.** The incidence of scoliosis in congenital heart disease, **68B**, 681
Connor, J.F. *with others*. Assessment of malignancy of cartilage tumors using flow cytometry: a preliminary report, **65A**, *779
with others. Grading of bone tumors by analysis of nuclear DNA content using flow cytometry, **67A**, *404
Connor, J.M. *with* **Horan, F.T.** *and* **Beighton, P.** Dysplasia epiphysialis hemimelica: a clinical and genetic study, **65B**, *350
Constant, C.R. *with* **Murley, A.H.G.** A clinical method of functional assessment of the shoulder, **68B**, 667
Constine, R.M. *with others*. Arthroscopic partial medial meniscectomy in the older patient, **66A**, *547
with others. Osteotomy of the first cuneiform as treatment of residual adduction of the fore part of the foot in club foot, **66A**, *985
Convery, F.R. *with* **Lavernia, C.** Assessment of the risk of vertebral fracture in menopausal women, **69A**, 952(*correspondence*)
Conway, S.S.M. *with others*. Two malignant fibrous histiocytomas in bone infarcts: case report, **65A**, *1166
Cook, A.J. *with* **Gallagher, J.M.** *and* **Weiner, D.S.** When is arthrography indicated in Legg-Calvé-Perthes disease?, **65A**, *900
Cook, F.F. *with* **Horowitz, M.** Bipolar clavicular dislocation: report of a case, **69A**, *145, 953(*correspondence*)
Cook, S.D. *with* **Haddad, R.J., Jr.** *and* **Thomas, K.A.** Biological fixation of porous-coated implants, **69A**, *1459(*current concepts review*)
with others. Bilateral sequential tibial and fibular fatigue fractures associated with aluminum intoxication osteomalacia: a case report, **65A**, *843
Cooke, P.H. *with* **Goodship, A.E.** *and* **Ritchie, A.** Biomechanical compatibility of cruciate ligament prostheses, **68B**, 496
with **Goodship, A.E.** Comparative biomechanics of the anterior (cranial) cruciate ligament, **67B**, 319
with **Newman, J.H.** Femoral fractures in relation to cemented hip prostheses, **66B**, 278
Cooke, T.D.V. *with* **Pichora, D.** Knee dysplasia: an unusual but important problem associated with progressive arthritis, **67B**, 332
with **Rudan, J.** Combined tibial tubercle and valgus high tibial osteotomies for patellofemoral and medial compartment osteoarthritis of the knee joint, **69B**, 504 *with* **Yoshioka, Y.** *and* **Siu, D.** The anatomy and functional axes of the femur, **69A**, *873
Coolican, M. *with others*. Prognosis of conus lesions due to fractures and fracture dislocations of the lumbar spine, **65B**, 670
Coombs, R.R.H. *with* **Pring, D.J.** *and* **Klosok, J.K.** Chevron or Wilson osteotomy: a comparison and follow-up, **67B**, 671
with others. Autologous granulocyte scanning of painful prosthetic joints, **68B**, *647
with others. Indium-111 granulocyte scanning in the painful prosthetic joint: a preliminary report, **67B**, 320

Coombs, R.R.H., (*continued*)
with others. The elasticity of subchondral bone and the aetiology of osteoarthritis, **67B**, 843
Coon, T.M. *with others*. Anatomical variations in the first extensor compartment of the wrist: a clinical and anatomical study, **68A**, *923
Cooney, W.P. Failure of treatment of ununited fractures of the carpal scaphoid: the role of non-compliance, **66A**, 1145(*correspondence*)
Cooper, J.E. *Book reviews*, **66B**, 467
Cooper, K.M. *with* **Bradford, D.S.** *and* **Oegema, T.R., Jr.** Chymopapain, chemonucleolysis, and nucleus pulposus regeneration, **65A**, *1220
Cooper, R.R. Grass roots, ivory towers, science, and the Academy (*First Vice President's Address, American Academy of Orthopaedic Surgeons*), **69A**, *479
Orthopaedic research: then and now, **69A**, 1276
Cooperman, D.R. *with others*. The effect of adjunctive methylmethacrylate on failures of fixation and function in patients with intertrochanteric fractures and osteoporosis, **67A**, *1094
Copeland, R.L. *with* **Meehan, P.L.** *and* **Morrissy, R.T.** Spontaneous regression of osteochondromas: two case reports, **67A**, *971
Corbett, M. *with* **Staheli, L.T.** *and* **Chew, D.E.** The longitudinal arch: a survey of eight hundred and eighty-two feet in normal children and adults, **69A**, *426
with others. Lower-extremity rotational problems in children: normal values to guide management, **67A**, *39
Corey, P. *with* **Ogilvie-Harris, D.J.** *and* **Bauer, M.** Prostaglandin inhibition and the rate of recovery after arthroscopic meniscectomy: a randomised double-blind prospective study, **67B**, *567
Corkery, P. Supracondylar fractures of the humerus in childhood: results of straight lateral traction, **68B**, 155(*discussion*)
Cornell, C.N. *with* **Ranawat, C.S.** Survivorship analysis of total hip replacements: results in a series of active patients who were less than fifty-five years old, **68A**, *1430
Cornish, B.L. The surgical treatment of the destroyed hip joint in the young, **66B**, 786(*discussion*)
with **Osti, O.** *and* **Fraser, R.D.** Fractures and fracture-dislocations in the lumbar spine: a long-term follow-up, **68B**, 334
with others. Reduction and stabilisation of cervical dislocations: a comparison of postural nursing with coronal dowel fusion, **69B**, 164
Cosio, M.Q. The detection and prevention of pulmonary embolism in total hip replacement: a study comparing aspirin and low-dose warfarin, **65A**, 567(*correspondence*)
Costello, B.G. *with* **Luba, R.M.** The severely traumatised lower extremity: reconstruction or amputation?, **66B**, 295
Costerton, J.W. *with* **Gristina, A.G.** Bacterial adherence to biomaterials and tissue: the significance of its role in clinical sepsis, **67A**, *264
Cotler, H.B. *with* **Meadowcroft, J.A.** *and* **Smink, R.D.** Enteric fistula as a complication of a pelvic fracture: case report, **65A**, *854
Cotterill, C.P. *with* **Chana, G.S.** *and* **Andrew, T.A.** A simple method of arthrodesis of the first metatarsophalangeal joint, **66B**, *703
Cottingham, B. *with others*. The effects of peripheral electrical nerve stimulation on pain associated with osteoarthritis of the hip, **67B**, 152
Cotton, G.E. *with* **Van Puffelen, P.** Hypophosphatemic osteomalacia secondary to neoplasia, **68A**, *129
Cottrell, G.W. Current techniques and results of treatment by 90/90 back traction, **66B**, 779
Couch, M. *with others*. Effects of vitamin D metabolites on human osteoblast-like cells *in vitro*, **66B**, 288
with others. Osteocalcin as a marker of bone metabolism, **67B**, 159
Couch, W.H. *with others*. Isokinetic strength of the shoulder after replacement of a torn rotator cuff, **69A**, *1041
Coughlin, M.J. *with* **Mann, R.A.** arthrodesis of the first metatarsophalangeal joint as salvage for the failed Keller procedure, **69A**, *68
Coulton, L.A. *with others*. Osteocalcin as a marker of bone metabolism, **67B**, 159
Court-Brown, C. *with* **McQueen, M.M.** *and* **Scott, J.H.S.** Stabilisation of spondylolisthesis using Dwyer instrumentation, **68B**, *185
Court-Brown, C.M. An analysis of the Hughes fixator in the treatment of tibial fractures, **67B**, 845
The biology of external skeletal fixation, **66B**, 287
with others. The closed interlocking femoral intramedullary nail: experience and complications in the first 100 patients, **69B**, 489
with others. The neurological outcome following surgery for spinal fractures, **69B**, 511
Courtenay, B. *with* **Claffey, T.J.** *and* **Yeates, M.** Bone scanning of fresh femoral neck fractures, **65B**, 666
Courtenay, B.G. *with* **Cameron, J.C.** *and* **Hall, H.** The Bristow procedure for recurrent anterior dislocation of the shoulder, **67B**, 327
with **Cameron, J.C.** *and* **MacIntosh, D.L.** Knee osteotomy for collateral ligament instability, **67B**, 332
with **Hughston, J.C.** *and* **Hergenroeder, P.T.** Osteochondritis dissecans of the femoral condyles, **66A**, *1340
with **MacIntosh, D.L.** *and* **Cameron, J.C.** Results of the surgical management of acute anterior cruciate rupture, **67B**, 336
with others. Acute anterior cruciate rupture: diagnosis and dilemma, **68B**, 338
Coutts, R.D. *with others*. Rib perichondrial grafts for the repair of full-thickness articular-cartilage defects: a morphological and biochemical study in rabbits, **67A**, *911
Coventry, M.B. Late dislocations in patients with Charnley total hip arthroplasty, **67A**, *832
Proximal tibial varus osteotomy for osteoarthritis of the lateral compartment of the knee, **69A**, *32
Upper tibial osteotomy for osteoarthritis, **67A**, *1136(*current concepts review*)
Covey, D.C. *with* **Albright, J.A.** Clinical significance of the erythrocyte sedimentation rate in orthopaedic surgery, **69A**, *148(*current concepts review*), 794(*correspondence*)
Cowan, R. *with others*. Vitamin D deficiency and osteomalacia in patients with femoral neck fracture, **65B**, 90
Cowell, H.R. *Book reviews*, **69A**, 317, 1118, 1309, 1310
College football: to brace or not to brace, **69A**, 1(*editorial*), 1470(*correspondence*)
Prior deposit of autologous blood for transfusion, **69A**, 319(*editorial*)
Responsibilities of authors, **69A**, 1311(*editorial*)
The American Orthopaedic Association Centennial, **69A**, 1119(*editorial*)
The case report, **69A**, 639(*editorial*)
The management of club foot, **67A**, 991(*editorial*)
The mission of the Journal and electronic publication, **67A**, *1311(*editorial*)
The peer-review process, **68A**, 959(*editorial*)
The residency selection process, **68A**, 1135(*editorial*)
with **Angus, P.D.** Triple arthrodesis: a critical long-term review, **68B**, *260
with **Bassett, G.S.** Metachondromatosis: report of four cases, **67A**, *811
with **Curtiss, P.H., Jr.** The randomized clinical trial, **67A**, *1151(*editorial*)
with **Hunziker, E.B.** *and* **Rosenberg, L.** The role of hypertrophic chondrocytes in endochondral ossification and in the development of secondary centers of ossification, **69A**, 159(*editorial*)
Cowie, G.H. *with others*. A new aid in diagnosis of congenital dislocation of the hip, **66B**, 281
with others. A new aid in the diagnosis of congenital dislocation of the hip, **65B**, 656
Cowley, S.P. *with* **Anderson, L.D.** Hernias through donor sites for iliac-bone grafts, **65A**, *1023(*brief note*)
Cowlishaw, W.A. *with others*. The penetration of antibiotics into the normal intervertebral disc, **69B**, *784
Coysh, H.L. *with others*. The composition of normal and osteoarthritic articular cartilage from human knee joints: with special reference to unicompartmental replacement and osteotomy of the knee, **66A**, *95
Crabtree, S.D. *with* **Bolton-Maggs, B.G.** The opposite hip in congenital dislocation of the hip, **65B**, *279
Cracchiolo, A. *with* **Grace, D.L.** Triple arthrodesis for the painful hindfoot using a bone grafting technique, **67B**, 671
Craig, B.F. *with* **Mollan, R.A.B.** *and* **Biggart, J.D.** Chronic sclerosing osteomyelitis, **66B**, *583
Craig, D. *with others*. Assessment of the survival and the clinical results of Stanmore total knee replacements, **66B**, *355
Craig, D.M. *with* **Lettin, A.W.F.** *and* **Scales, J.T.** Stanmore total knee replacements, **65B**, 225
Craig, E.V. *with* **Neer, C.S., II** *and* Fukuda, H. Cuff-tear arthropathy, **65A**, *1232
with others. Biomechanical study of the ligamentous system of the acromioclavicular joint, **68A**, *434
Craig, F.M. *with* **Bentley, G.** *and* **Archer, C.** The distribution of types I and II collagen and keratan sulphate in the developing joint, **69B**, 497
Craig, J.B. Anterior spinal cord decompression in kyphosis with particular reference to healed tuberculosis, **66B**, 455(*discussion*)
Arthrodesis of the hip: experience with the Schneider Cobra-head plate, **67B**, 502
Spinal needle biopsy rediscovered: a report of 60 cases, **66B**, 456
The management of extensive soft-tissue injuries in the presence of skeletal injury, **66B**, 461(*discussion*)
The tendo calcaneus, the stretch reflex and the paratenon, **67B**, 508(*discussion*)
with **Goosen, C.W.** *and* **Rossouw, P.** A dynamic locking nail for fractures of the femur, **68B**, 507
with **Matthews, S.J.** *and* **Erken, E.H.W.** Surgical correction of spinal deformity due to neuromuscular disease using Luque segmental spinal instrumentation, **69B**, 684
with **Rogan, I.M.** A comparative study of the incidence of infection in open fractures of the tibia using an external fixation device or plaster cast immobilistion, **66B**, 459
Craig, J.J.G. Pitfalls in cerebral paresis, **66B**, 452(*discussion*)
with others. Dislocation of the hip in cerebral palsy: management in children with total body involvement, **66B**, 451
Craig, J.S.J. *with others*. A study of 75 two-component hemi-arthroplasties: do they behave as Thompson's total hips or true bipolar prostheses?, **69B**, 488

Craig, R.K. *with others.* Identification and characterisation of the human calcitonin precursor, **65B**, 92
Crane, L. *Book reviews*, **66A**, 1326
Crawford Adams, J., *see* Adams, J.C.
Crawford, A.H. The Cincinnati incision: a comprehensive approach for surgical procedures of the foot and ankle in childhood, **66A**, 313(*correspondence*)
with **Jacobsen, S.T.** *and* **Levinson, J.E.** Late results of synovectomy in juvenile rheumatoid arthritis, **67A**, *8
with others. The Syme amputation in patients with congenital pseudoarthrosis of the tibia, **65A**, *533
Crawford, E. *with* **Dewer, M.** *and* **Aichroth, P.M.** The Westminster Cruciometer for measurement of anterior cruciate instability, **69B**, 159
Crawford, E.J.P. *with* **Baird, P.R.E.** *and* **Clark, A.L.** Cauda equina and lumbar nerve root compression in patients with AIDS, **69B**, *36
with others. The force required to rupture the epiphysis in children undergoing epiphyseal leg lengthening, **69B**, 496
Crawford, T.O. *with others.* Congenital annular bands in identical twins: a case report, **66A**, *450
Crawford, E.J.P. *with* **Baird, P.R.E.** An orthopaedic presentation of AIDS, **69B**, *672(*brief report*)
Crawshaw, C. *with others.* Discitis following lumbar surgery, **68B**, 158
with others. Electrical studies in the problem back: a blind trial, **66B**, 280
with others. Intra-operative spinal somatosensory evoked potentials in lumbar nerve root compression, **67B**, 160
with others. Subarachnoid block or general anaesthesia?: a study of the stress response during and after surgery for prosthetic replacement of fractured neck of femur, **65B**, 660
with others. The musculoskeletal applications of NMR imaging, **66B**, 290
with others. The use of nuclear magnetic resonance in the diagnosis of lateral canal entrapment, **66B**, *711
Crawshaw, C.V. *with others.* Intracompartmental pressure monitoring of leg injuries: an aid to management, **67B**, *53
Crawshaw, L. *with others.* Scoliosis and other orthopaedic problems in Duchenne muscular dystrophy: a review of 82 cases, **65B**, 221
Craxford, A.D. *with others.* Plantar pressures, gait analysis, foot shape and lower limb rotation patterns in growing children, **65B**, 366
Creadon, R. *with others.* Leg-length inequality following total hip replacement: a simple method to prevent it, **69B**, 489
Creasman, C. *with* **Olin, A.** *and* **Shapiro, F.** Free physeal transplantation in the rabbit: an experimental approach to focal lesions, **66A**, *7
Crellin, R.Q. *Book reviews*, **66B**, 620; **67B**, 687
Book reviews, **69B**, 514
with others. Heparin and dihydroergotamine prophylaxis against thrombo-embolism after hip arthroplasty, **67B**, *538
Cremin, B.J. *with others.* Radiological and radionuclide assessment in fibrous dysplasia of bone, **68B**, 161
Crenshaw, A.G. *with others.* Reduction of skeletal muscle necrosis using intermittent hyperbaric oxygen in a model compartment syndrome, **65A**, *656
Crock, H.V. Chymopapain for the treatment of intervertebral disc prolapse: a preliminary report of a double-blind study, **65B**, 669(*discussion*)
Domestic rehabilitation of patients with fractures of the proximal femur, **66B**, 782(*discussion*)
Posterior lumbar spinal fusion with sparing of the iliac crest: a long-term review of the first 100 patients in a personal series, **66B**, 786(*discussion*)
Spinal fusion in the treatment of the nerve root entrapment syndrome, **65B**, 669(*discussion*)
The surgical treatment of the destroyed hip joint in the young, **66B**, 786(*discussion*)
with **Yamagishi, M.** The blood supply of the conus medullaris and cauda equina in man, **69B**, 161
Crockard, H.A. *with* **Pozo, J.L.** *and* **Ransford, A.O.** Basilar impression in osteogenesis imperfecta, **66B**, *233
with others. Craniocervical instability treated by contoured loop fixation, **68B**, *173
with others. One-stage transoral anterior decompression and posterior stabilisation in cervical myelopathy complicating rheumatoid arthritis, **67B**, 498
with others. Transoral decompression and posterior fusion for rheumatoid atlanto-axial subluxation, **68B**, *350
Cronin, R. *with others.* Amputations at the middle level of the foot: a retrospective and prospective review, **68A**, *1061
Cross, A. *with* **Montgomery, R.J.** The treatment of tibial shaft fractures by the locking medullary nail system, **69B**, 489
Cross, A.T. *Book reviews*, **67B**, 172
Early experience with the interlocking femoral nailing system, **68B**, 667
Cross, M. *with* **Paterson, R.** *and* **Keene, G.** A limited motion cast without hinges, **69B**, 167
with others. Hyperparathyroidism and bone marrow changes, **65B**, 93
Cross, M.J. Conservative surgery in posterior cruciate ligament disruption, **65B**, 99
Dynamic infrapatellar reconstruction, **65B**, 670
The results of early and late management of anterior cruciate ligament tears, **65B**, 99(*discussion*)
with **Boker, D.J.** An evaluation of the results of arthroscopic chondroplasty for chondromalacia patellae, **68B**, 337
Cross, M.J., (*continued*)
with **Schmidt, D.R.** *and* **Mackie, I.G.** A no-touch test for the anterior cruciate ligament, **69B**, *300(*brief report*)
Crossan, J.F. *with* **Macpherson, I.S.** *and* **Allister, C.A.** Unstable fractures of the greater tuberosity of the humerus, **65B**, 225
with **Macpherson, I.S.** The role of the acromioclavicular joint in chronic shoulder impingement syndromes, **67B**, 161
Crow, J.C. *with others.* Axon regeneration and vascularisation of nerve grafts: an experimental study, **67B**,160
Crowe, R. *with* **Bartlett, R.J.** Results of intra-articular anterior cruciate ligament reconstruction using patellar ligament, **66B**, 788
Crowninshield, R. The effect of conformity, thickness, and material on stresses in ultra-high molecular weight components for total joint replacement, **69A**, 471(*correspondence*)
Crowninshield, R.D. *with* **Brand, R.A.** *and* **Pedersen, D.R.** A stress analysis of acetabular reconstruction in protrusio acetabuli, **65A**, *495
Crozier, A. *with others.* Does increasing the size of suction drains reduce the incidence of postoperative wound haematoma as assessed by ultrasound, **69B**, 497
Cruess, R. *with others.* Epiphysial growth after free fibular transfer with and without microvascular anastomosis: experimental study in the dog, **65B**, *493
Cruess, R.L. Medicare, Mark Twain, and Richard Wagner, **67A**, *1434
with others. The response of articular cartilage to weight-bearing against metal, **66B**, *592
Cruickshank, J.L. *with* **Koike, M.** *and* **Dickson, R.A.** The sagittal profile in idiopathic multiple curve scoliosis, **69B**, 854
Cruz, M.M. *with* **Gates, D.J.** *and* **Alms, M.** Hinged cast and roller traction for fractured femur: a system of treatment for the Third World, **67B**, *750
Cruz-Orive, L.-M. *with* **Hunziker, E.B.** *and* **Schenk, R.K.** Quantitation of chondrocyte performance in growth-plate cartilage during longitudinal bone growth, **69A**, *162
Cuckler, J.M. The use of epidural steroids in the treatment of lumbar radicular pain: a prospective, randomised, double-blind study, **67A**, *63, 982(*correspondence*); **68A**, 789(*correspondence*)
with **Brighton, C.T.** *and* **Lackman, R.D.** Absence of the glycerol phosphate shuttle in the various zones of the growth plate, **65A**, *663
with others. The use of epidural steroids in the treatment of lumbar radicular pain: a prospective, randomized, double-blind study, **67A**, *63, 982(*correspondence*)
Cullen, J.C. Arthrography, arthroscopy and meniscectomy, **65B**, 521(*discussion*)
Fractures of the proximal humerus in adults, **67B**, 679(*discussion*)
Heterotopic bone following total hip replacement, **68B**, 674
Rebuilding the deficient acetabulum in total hip arthroplasty, **67B**, 676(*discussion*)
Recurrent lumbar disc prolapse after discectomy, **65B**, 520 (*discussion*)
The radiological assessment of the anterior cruciate ligament, **66B**, 610(*discussion*)
Traumatic spondylolisthesis of the axis, **66B**, 608(*discussion*)
Cullen, M.J. *with* **Smith, S.R.** *and* **Pinder, I.M.** Muscle regeneration in closed compartment syndromes: an electron microscopic study, **67B**, 319
Cullivan, W.T. *with* **Shereff, M.J.** *and* **Johnson, K.A.** Osteoid-osteoma of the foot, **65A**, *638
Culp, R.W. *with others.* Lyme arthritis in children: an orthopaedic perspective, **69A**, *96
Culver, J.E. Functional stability of the knee following ligament reconstruction, **67B**, 152(*discussion*)
Cummine, J.I. *with* **Bellemore M.C.** The role of bone scans in the assessment of prognosis in acute scaphoid fractures, **65B**, 667
Cumming, R.R. *with others.* Early avascular necrosis of the femoral head: report of a case and review of the literature, **68B**, *414
Cundy, P. *with others.* Skeletal age estimation and leg-length discrepancy, **69B**, 163
Cunning, L. *with others.* Intra-articular reconstruction of the anterior cruciate ligament with and without extra-articular supplementation by transfer of the biceps femoris tendon, **69A**, *275 *with others.* Partial biceps femoris tendon transfer as extra-articular augmentation of an intra-articular anterior cruciate ligament reconstruction, **69B**, 511
Curtis, B.H. *with others.* Talectomy for equinovarus deformity in myelodysplasia, **67A**, *21
Curtis, G.M. Arthroscopy of the ankle, **66B**, 613
Curtis, G.W.D. *with* **Newman, R.J.** *and* **Slack, M.P.E.** The value of synovial fluid lactate determination in the rapid exclusion of septic arthritis, **66B**, 290
Curtiss, P.H., Jr. *with* **Cowell, H.R.** The randomized clinical trial, **67A**, *1151(*editorial*)
Curwen, C.H.M. Studies on the rheumatoid foot, **67B**, 503
with others. Studies on rheumatoid foot deformities, **68B**, 505
Curwen-Walker, P.D. Disc bone grafting in protrusio acetabuli, **66B**, 787(*discussion*)
Review of hip surface replacement operations, **68B**, *336
Czitrom, A. *with* **Dobyns, J.H.** *and* **Linscheid, R.L.** Ulnar variance in carpal instability, **69B**, 501

* Indicates full article or appreciable part

Czitrom, A.A. Acute injuries to the metacarpophalangeal joint of the thumb: a clinical and radiological study, **68B**, 157(*discussion*)
A two-year prospective study of intracapsular femoral neck fractures: mortality and mechanical failure, **68B**, 157(*discussion*)

D

Dabezies, E.J. Transverse myelitis following chemonucleolysis: report of a case, **66A**, 1320(*correspondence*); **67A**, 345(*correspondence*)
with others. Fractures of the femoral shaft treated by external fixation with the Wagner device, **66A**, *360
with others. Neural anatomy of the human anterior cruciate ligament, **69A**, *243
Dadkhahipoor, H. *with others.* Intravenous methylmethacrylate after total hip replacement, **66A**, *443
Daffner, R.H. *with* **Tabas, J.H.** Trauma oblique radiographs of the knee, **69A**, *568
Daher, Y.H. *with* **Bradford, D.S.** Vascularised rib grafts for stabilisation of kyphosis, **68B**, *357
Dahlin, D.C. *with others.* Dedifferentiated parosteal osteosarcoma, *53
with others. Giant-cell tumor of bone, **68A**, *235
with others. Osteosarcoma of the spine, **68A**, *660
with others. Secondary malignant giant-cell tumor of bone: clinicopathological assessment of nineteen patients, **68A**, *1073
Dahlström, S. *with* **Aro, H.** Conservative management of distraction-type stress fractures of the femoral neck, **68B**, *65
Dahners, L.E. *with* **Hart, D.P.** Healing of the medial collateral ligament in rats: the effects of repair, motion, and secondary stabilizing ligaments, **69A**, *1194
Dalinka, M.K. *Book reviews*, **66A**, 1502; **68A**, 1309
Extravasation of injected calcium solution leading to calcifications in the upper extremity of the neonate: report of a case, **66A**, 152(*correspondence*)
Radiographic abnormalities of the iliac apophysis in adolescent athletes, **65A**, 1207(*correspondence*)
Dall, D. Exposure of the hip by anterior osteotomy of the greater trochanter: a modified anterolateral approach, **68B**, *382
Dall, D.M. The femoral component of the iso-elastic total hip: technique, results and complications, **67B**, 502(*discussion*)
with **Learmonth, I.D.** *and* **Miles, A.W.** Technical accuracy in osteotomies about the knee, **68B**, 503
with **Miles, A.W.** Accelerated polymerisation of the femoral cement in total hip replacement: a preliminary report, **67B**, 505
with **Miles, A.W.** Re-attachment of the greater trochanter: the use of the trochanter cable-grip system, **65B**, *55
with others. Long-term follow-up of Charnley low-friction arthroplasty of the hip, **67B**, 503
Dall, G. A comparative study of the incidence of infection in open fractures of the tibia using an external fixation device or plaster cast immobilisation, **66B**, 459(*discussion*)
Aetiology of club foot: a case control-study, **66B**, 451(*discussion*)
An approach providing immediate functional movement of the postoperative knee and hip, **66B**, 453(*discussion*)
Arthrodesis of the hip: experience with the Schneider Cobra-head plate, **67B**, 502(*discussion*)
Dislocation of the hip in cerebral palsy: management in children with total body involvement, **66B**, 451(*discussion*)
Polyethylene—is the writing on the wall?, **66B**, 447(*discussion*)
Spinal needle biopsy rediscovered: a report of **66B**, 60 cases, **66B**, 457(*discussion*)
Surgical management of partial closure of the growth plate, **66B**, 460(*discussion*)
The assessment of pre-operative plantar pressure profiles in patients with hallux valgus, **66B**, 457
The external fixator in complicated shaft fractures of the femur, **66B**, 459(*discussion*)
The management of dysplasia of the hip joint in adolescents and young adults, **68B**, 502
with **Mills, C.** *and* **Immelman, E.J.** Thrombo-embolus prophylaxis in orthopaedic surgery: an international survey, **68B**, 506
with others. Long-term follow-up of Charnley low-friction arthroplasty of the hip, **67B**, 503
Daluga, D.J. *with others.* Herpetic infections in the fingers of infants: report of five cases, **69A**, *137
Dalziel, R.E. *with* **Thornhill, T.S.** *and* **Thomas, W.H.** Talonavicular fusion for hindfoot arthritis, **65B**, 667
Dambacher, M.A. *with others.* Bone loss in premenopausal and postmenopausal women: a cross-sectional and longitudinal study using quantitative computed tomography, **66A**, *1015
D'Ambrosia, R. *with others.* Fractures of the femoral shaft treated by external fixation with the Wagner device, **66A**, *360
D'Ambrosia, R.D. *with* **Chuinard, R.G.** *and* **Maki, N.J.** Isolated complete radial dislocation of the scaphoid: a case report and review of the literature, **65A**, 871(*correspondence*)
with **Mathews, R.E.** *and* **Cocke, T.B.** Scapular fractures secondary to seizures in patients with osteodystrophy: report of two cases and review of the literature, **65A**, *850
Dameron, T.B., Jr. *with* **McDaniel, W.J., Jr.** Untreated ruptures of the anterior cruciate ligament: a follow-up study, **67A**, 1306(*correspondence*)
Damsker, B. *with others.* The clinicopathological spectrum of non-tuberculous mycobacterial osteoarticular infections, **67A**, *925
Dandy, D.J. *Book reviews*, **65B**, 106
Arthroscopic surgery, **66B**, 627(*annotation*)
Neuropathic osteonecrosis of the lateral femoral condyle in childhood, **67B**, 848(*discussion*)
with **Flanagan, J.P.** Functional stability of the knee following ligament reconstruction, **67B**, 152
with **Johnson-Nurse, C.** Fracture-separation of articular cartilage in the adult knee, **67B**, *42, 158
with **Northmore-Ball, M.D.** *and* **Jackson, R.W.** Arthroscopic, open partial, and total meniscectomy: a comparative study, **65B**, *400
with **Rushton, N.** *and* **Naylor, C.P.E.** The clinical, arthroscopic and histological findings after replacement of the anterior cruciate ligament with carbon fibre, **65B**, *308
Daneman, A. *with others.* Sacro-iliac joint injuries in children, **67B**, 333
Dang, G-T. *with others.* The response of articular cartilage to weight-bearing against metal, **66B**, *592
Dangerfield, P.H. *with* **Denton, J.S.** The rib hump in infantile idiopathic scoliosis and its relationship to vertebral rotation and the Cobb angle, **68B**, 679
with others. Juvenile idiopathic scoliosis in Merseyside, **69B**, 851
with others. School screening for scoliosis in Liverpool, England, and Jeddah, Saudi Arabia: a comparison of methods, **69B**, 851
Daniel, D. *with others.* Mechanical interactions between the muscles and the cruciate ligaments in the human knee, **67B**, 318
Daniel, D.M. *with others.* Instrumented measurement of anterior laxity of the knee, **67A**, *720
Daniel, R. *with others.* Epiphysial growth after free fibular transfer with and without microvascular anastomosis: experimental study in the dog, **65B**, *493
Daniel, R.K. *with* **Weiland, A.J.** *and* **Moore, J.R.** The efficacy of free tissue transfer in the treatment of osteomyelitis, **66A**, *181
Danielsson, L.G. *with* **Landin, L.A.** *and* **Wattsgård, C.** Transient synovitis of the hip: its influence, epidemiology and relation to Perthes' disease, **69B**, *238
Danish, E.H. *with others.* Ewing sarcoma of the proximal phalanx of a finger: a case report, **69A**, *931
Da Palma, I. *with* **Older, J.** Ambulatory day case arthroscopy: first three years' experience of day case arthroscopy in the diagnosis and management of disorders of the knee joint, **68B**, 159
Darakjian, H. *with others.* Scintigraphy with gallium-67 citrate in staging of soft-tissue sarcomas of the extremity, **69A**, *886
Darby, A.J. *with others.* Hyperparathyroidism and bone marrow changes, **65B**, 93
Darby, T.A. The results of early and late management of anterior cruciate ligament tears, **65B**, 99
Darbyshire, J.H. *with others.* Bone and joint tuberculosis, **66B**, *326
Daruwalla, J.S. *with* **Balasubramaniam, P.** Moiré topography in scoliosis: its accuracy in detecting the site and size of the curve, **67B**, *211
with others. Idiopathic scoliosis: prevalence and ethnic distribution in Singapore schoolchildren, **67B**, *182
with others. Lung function in scoliosis corrected by Harrington instrumentation with and without sublaminar segmental wiring, **69B**, 853
Das, M. *with others.* Fractures of the base of the fifth metatarsal distal to the tuberosity: classification and guidelines for non-surgical and surgical management, **66A**, *209
Das De, S. *with* **Balasubramaniam, P.** A repair operation for recurrent dislocation of peroneal tendons, **67B**, *585
with **Hamblen, D.L.** Problems of distal metatarsal osteotomy for hallux valgus in the middle-aged patient, **68B**, 667
with others. Surface morphology of Asian cadaveric hips, **67B**, *225
D'Astous, J. *with others.* Bilateral fracture of the pedicle of the second vertebra in the young child, **68A**, *892
D'Astous, J.L. *with* **Baxter, M.E.** Proximal femoral resection with interposition arthroplasty: salvage hip surgery for the severely disabled child with cerebral palsy, **69B**, 506
with **Galey, J.P.** *and* **Finnegan, M.** A "scientific" approach to unicameral bone cysts, **69B**, 505
Davey, J.R. *with others.* A new technique of posterior cervical fusion for instability of the cervical spine, **67B**, 327
with others. Stability of ten configurations of the Hoffman external-fixation frame, **69A**, *734
Davey, K.J. The Mayo ankle arthroplasty, **65B**, 521(*discussion*)
Davey, R. *with others.* Total condylar and Oxford total knee replacements: a 3.3 year comparison, **67B**, 331
David, C.V. *with* **McMaster, M.J.** Hemivertebra as a cause of scoliosis: a study of 104 patients, **68B**, *588

Davidson, D.D. *with others*. Sciatica from a sciatic neurilemoma: a case report and review of the literature, **68A**, *1456
Davidson, J. *with others*. Total hip arthroplasty with a low-modulus porous-coated femoral component: progress report, **66A**, *888
Davidson, J.S.A. *with* **De Zwart, D.F.** Rupture of the posterior tibial tendon associated with fractures of the ankle: a report of two cases, **65A**, *260
Davidson, R.S. *with others*. Lyme arthritis in children: an orthopaedic perspective, **69A**, *96
Davie, M.W. Osteoporosis in relation to femoral neck fracture, **68B**, 156
with **Britton, J.M.** Strength characteristics of trabecular bone from the iliac crest and L5 lumbar vertebra, **69B**, 497
Davies, C.T.M. *with* **McDonagh, M.J.N.** *and* **Hayward, C.M.** Isometric training in human elbow flexor muscles: the effects on voluntary and electrically evoked forces, **65B**, *355
Davies, C.W.T. Bizarre parosteal osteochondromatous proliferation in the hand: a case report, **67A**, *648
Davies, D.R.A. *with others*. Is conservative treatment of displaced tibial shaft fracture justified?, **66B**, *84
Davies, G.K. *with others*. Electromyography and "bony" sciatica, **67B**, 499
with others. Is water-soluble radiculography accurate in predicting the level of bony entrapment of lumbosacral nerve roots?, **67B**, 499
with others. The effects of peripheral electrical nerve stimulation on pain associated with osteoarthritis of the hip, **67B**, 152
Davies, J.S. *with* **Pincott, J.R.** *and* **Taffs, L.F.** Scoliosis caused by section of dorsal spinal nerve roots, **66B**, *27
Davies, M.A. *with others*. Leakage of radioactive particle systems from a synovial joint studied with a gamma camera: its application to radiation synovectomy, **65A**, *381
Davies, P.D.O. *with others*. Bone and joint tuberculosis, **66B**, *326
Davies, R. *with* **Hooper, G.** *and* **Tothill, P.** Blood flow in tendons, **65B**, 366
with **Hooper, G.** *and* **Tothill, P.** Blood flow and clearance in tendons, **66B**, *441
with **McCarthy, I.D.** *and* **Hughes, S.P.F.** The response of the microcirculation in bone to the administration of noradrenaline and ATP, **67B**, 319
Davies, S.J.M. *with* **Hadfield, G.** Os calcis pin traction and the subtalar joint, **67B**, 146
with **Murphy, W.** Outpatient arthroscopic screening, **66B**, 146
with **Walker, G.F.** Problems in the early recognition of hip dysplasia, **66B**, *479
with **Walker, G.F.** Proximal fractures in children: to treat or to manage?, **69B**, 154
Davis, F.M. *with others*. Calf blood flow during total hip replacement surgery: preliminary observations, **65B**, 518
Davis, G.M. *with others*. Physically disabled: fitness testing, **65B**, 102
Davis, J.C. *with others*. Chronic non-haematogenous osteomyelitis treated with adjuvant hyperbaric oxygen, **69A**, 1303(*correspondence*)
with others. Chronic non-hematogenous osteomyelitis treated with adjuvant hyperbaric oxygen, **68A**, *1210
Davis, J.G. *with others*. Radiation exposure and associated risks to operating-room personnel during use of fluoroscopic guidance for selected orthopaedic surgical procedures, **65A**, *1
Davis, M.L. *with others*. Radiation exposure and associated risks to operating-room personnel during use of fluoroscopic guidance for selected orthopaedic surgical procedures, **65A**, *1
Davis, N. *with* **Sikorski, J.M.** *and* **Senior, J.** Domestic rehabilitation of patients with fractures of the proximal femur, **66B**, 782
Davis, P. *with others*. An anthropometric basis for design in total knee arthroplasty, **69B**, 505
Davis, R.F. *with* **Jones, L.C.** *and* **Hungerford, D.S.** The effect of sympathectomy on blood flow in bone: regional distribution and effect over time, **69A**, *1384
Davis, R.I. *with* **Hamilton, A.** *and* **Nixon, J.R.** Synovial chondrosarcoma complicating synovial chondromatosis: report of a case and review of the literature, **69A**, *1084 *with others*. Chondrosarcoma developing in synovial chondromatosis: a case report, **69B**, *137
Davis, T.R.C. Intra-articular fractures of the distal end of the radius in young adults, **69A**, 791(*correspondence*)
with others. Colles' fractures, one year after injury: a prospective study, **68B**, 158
Davison, I. *with* **Thomson, N.L.** Osteochondritis dissecans and osteochondral fragments managed by compression screw fixation, **69B**, 162
Dawe, R.V. *with* **Kalamchi, A.** Congenital deficiency of the tibia, **67B**, *581
Dawkins, G.P.C. *with* **Amis, A.A.** A functional study of the structure of the anterior cruciate ligament, related to knee instability, injury mechanisms and prosthetic ligament reconstructions, **67B**, 844
Dawson, E.G. *Book reviews*, **67A**, 990
with **Clader, T.J.** *and* **Bassett, L.W.** A comparison of different methods used to diagnose pseudoarthrosis following posterior spinal fusion for scoliosis, **67A**, *1153
with others. Bone repair induced by bone morphogenetic protein in ulnar defects in dogs, **68B**, *635
with others. Extraforaminal disc herniation simulating a retroperitoneal neoplasm: case report, **67A**, *1275
with others. Muscular torticollis: a modified surgical approach, **65A**, *894
Day, A.T. *with* **Pang, D.K.** *and* **Baird, R.A.** Use of the Broviac central venous catheter for intravenous antibiotic therapy in the orthopaedic patient, **67A**, *1108
Day, B. Arthroscopic synovectomy: a preliminary report, **66B**, 304
Day, B.H. *Book reviews*, **67B**, 514
Day, L. *Book reviews*, **68A**, 1134
Day, L.J. *with* **Lim, E.V.A.** Thrombosis of the axillary artery complicating proximal humeral fractures: a report of three cases, **69A**, *778
Daymond, K. An experience of the signal arm (K-Y) nail, **67B**, 147(*discussion*)
Daymond, K.R. Compartment syndromes, **66B**, 790
Innominate osteotomy for Perthes' disease, **65B**, 102(*discussion*)
The surgical management of Scheuermann's kyphosis, **65B**, 98(*discussion*)
Deacon, O.W. An experimental study of iatrogenically induced operating theatre burns, **66B**, 779(*discussion*)
Maquet-like tibial tubercle displacement, **68B**, 337
Results of intra-articular anterior cruciate ligament reconstruction using patellar ligament, **66B**, 788(*discussion*)
with **McLean, I.D.** Osteochondritis dissecans and osteochondral fractures: a method of fixation, **65B**, 100
Deacon, P. *with* **Archer, I.A.** *and* **Dickson, R.A.** Idiopathic scoliosis in Leeds: a management philosophy, **68B**, 670
with **Archer, I.A.** *and* **Dickson, R.A.** The anatomy and biomechanics of spinal deformity, **66B**, 289
with **Berkin, C.R.** *and* **Dickson, R.A.** Combined idiopathic kyphosis and scoliosis: an analysis of the lateral spinal curvatures associated with Scheuermann's disease, **67B**, *189
with **Berkin, C.R.** *and* **Dickson, R.A.** Combined idiopathic kyphosis and scoliosis: Scheuermann's disease revisited, **67B**, 148
with **Dickson, R.A.** Spinal growth, **69B**, *690(*annotation*)
with **Dickson, R.A.** Vertebral growth and the influence of the periosteum: a radiographic and histological study, **67B**, 844
with **Flood, B.M.** *and* **Dickson, R.A.** Idiopathic scoliosis in three dimensions, **66B**, *509
Deane, R. *with others*. The neurological outcome following surgery for spinal fractures, **69B**, 511
Deane, R.H. The use of a simplified form of pulsed electromagnetic fields in the treatment of fracture non-union, **67B**, 503
with **du Toit, G.** *and* **Allerton, K.E.G.** Thoracolumbar flexion-distraction fractures, **68B**, 508
De Bastiani, G. *with* **Aldegheri, R.** *and* **Brivio, L.R.** The treatment of fractures with a dynamic axial fixator, **66B**, *538
with others. Chondrodiatasis – controlled symmetrical distraction of the epiphyseal plate: limb lengthening in children, **68B**, *550
with others. Limb lengthening by distraction of the epiphyseal plate: a comparison of two techniques in the rabbit, **68B**, *545
De Beer, J. De V. *with* **Hudson, D.A.** Isolated traumatic dislocation of the radial head in children, **68B**, *378
De Beer, J.F. *with* **De Klerk, A.J.** A review of 100 intertrochanteric fractures treated with the sliding hip screw, **68B**, 506
with **Vlok, G.J.** Results of intertransverse lumbar fusions, **69B**, 684
de Belder, K.R.J. Excision of the clavicle: a review of nineteenth-century literature, **67B**, *282
Debeyre, J. *with others*. Proximal tibial osteotomy for osteoarthritis with varus deformity: a ten to thirteen-year follow-up study, **69A**, *332
Debiesse, J.L. *with others*. The intramedullary screwed hip prosthesis: the reimplantation of loose or infected prostheses, **66B**, 300
de Boeck, H. *with* **Casteleyn, P.P.** *and* **Opdecam, P.** Fracture of the medial humeral condyle: report of a case in an infant, **69A**, *1442
de Boer, P. *with* **Heatley, F.W.** *and* **Benbow, A.** Tibial tubercle advancement for failed patellectomy, **67B**, 156
De Boer, P. *with* **Macy, N.J.** Mid-tarsal dislocation of the first ray: a case report, **65A**, *265
de Campo, J.F. *with* **Carey, R.P.L.** *and* **Menelaus, M.B.** Measurement of leg length by computerised tomographic scanography, **69B**, *846(*brief report*)
DeDemeter, D. *with* **Horne, G.** An assessment of trauma management in the Wellington area, **69B**, 166
De Demeter, D. *with* **Horne, J.G.** The assessment of trauma management in the Wellington region, **67B**, 679
Deguillaume, P. *with others*. The Bankart procedure; its reliability among sportsmen, **66B**, 140
Dehao, F. *with* **Shiqing, X.** *and* **Quanzhi, Z.** Significance of the straight-leg-raising test in the diagnosis and clinical evaluation of lower lumbar intervertebral-disc protrusion, **69A**, *517
DeHaven, K.E. Acute traumatic haemarthrosis of the knee, **66B**, 789(*discussion*)
The anterior approach to the posterior cruciate ligament, **66B**, 788(*discussion*)
with **Burton, R.I.** *Book reviews*, **65A**, 718
Dejak, J. *with* **Bohlman, H.H.** *and* **Freehafer, A.** The results of treatment of acute injuries of the upper thoracic spine with paralysis, **67A**, *360
Dejour, H. *with others*. Osteochondritis dissecans of the patella: a report of 25 cases, **66B**, 146
Dekel, S. *with others*. Levels of active metabolites of vitamin D_3 in the callus of fracture repair in chicks, **69B**, *132
with others. The release of antineoplastic drugs from acrylic bone cement, **67B**, 845

* Indicates full article or appreciable part

de Klerk, A.J. Analysis of union of trochanteric osteotomy in total hip replacement, using U-bolt fixation, **66B**, 447(*discussion*)
The femoral component of the iso-elastic total hip: technique, results and complications, **67B**, 502
The universal system of instrumentation in total knee arthroplasty, **68B**, 503
with **Bombelli, R.** Cementless fixation of the acetabular component in total hip arthroplasty, **66B**, 447
with **De Beer, J.F.** A review of 100 intertrochanteric fractures treated with the sliding hip screw, **68B**, 506
with **Jonck, L.M.** The value of a composite bone graft in the treatment of large bone defects, **67B**, 505
with **Lindeque, G.P.** Plain words for the diagnosis of acute ligamentous injury of the knee, **66B**, 454
Del Pino, J.M. *with* **Gasco, J.** *and* **Gomar-Sancho, F.** Double patella: a case of duplication in the coronal plane, **69B**, *602
Del Pizzo, W. *with others.* Arthroscopy — "no-problem surgery": an analysis of complications in two thousand six hundred and forty cases, **68A**, *256
de la Garza, J. *with* **Silver, R.L.** *and* **Rang, M.** The myth of muscle balance: a study of relative strengths and excursions of normal muscles about the foot and ankle, **67B**, *432
Deland, J.T. *with* **Jacob, R.P.** *and* **Stäubli, H.U.** Grading the pivot shift: objective tests with implications for treatment, **69B**, *294
Delaney-Baxter, M.P. *with* **Lenczner, E.** *and* **Armstrong, G.W.D.** Orthopaedic manifestations of amyloidosis, **67B**, 328
Delee, J. *Book reviews*, **68A**, 957
DeLee, J.C. *with* **Dickhaut, S.C.** *and* **Page, C.P.** Nutritional status: importance in predicting wound-healing after amputation, **66A**, *71
with **Lewis, A.G.** Type-1 complex dislocation of the first metatarsophalangeal joint — open reduction through a dorsal approach: a case report, **66A**, *1120
with **Smith, S.E.** *and* **Ramamurthy, S.** Ilioinguinal neuralgia following iliac bone-grafting: report of two cases and review of the literature, **66A**, *1306
with others. Chronic non-haematogenous osteomyelitis treated with adjuvant hyperbaric oxygen, **69A**, 1303(*correspondence*)
with others. Chronic non-hematogenous osteomyelitis treated with adjuvant hyperbaric oxygen, **68A**, *1210
with others. Supracondylar-intercondylar fractures of the femur treated with a supracondylar plate and lag screw, **65A**, 135(*correspondence*)
Delepine, G. *with* **Goutallier, D.** Internal fixation in the surgical management of metastatic fractures of the femur, **66B**, 145
Dell, P.C. *with* **Burchardt, H.** *and* **Glowczewskie, F.P., Jr.** A roentgenographic, biomechanical, and histological evaluation of vascularized and non-vascularized segmental fibular canine autografts, **67A**, *105
Demmer, P.J. A comparative study of the incidence of infection in open fractures of the tibia using an external fixation device or plaster cast immobilisation, **66B**, 459(*discussion*)
Operative treatment of recurrent dislocation of the shoulder: comparison of Eden–Hybinette reconstruction and Weber's rotation osteotomy, **66B**, 448
Polyethylene—is the writing on the wall?, **66B**, 447(*discussion*)
Preliminary report on carbon fibre implants for ligamentous injuries of the knee, **66B**, 453(*discussion*)
Value of carbon-fibre reinforcement in the repair of recent ligament tears in and around the knee joint, **68B**, 504
Demos, T. *with* **Orenstein, E.** *and* **Dvonch, V.** Acute traumatic bowing of the tibia without fracture: case report, **67A**, *965
Dempster, D.W. *with* **Dickson, R.A.** The epidemiology of plagiocephaly and infantile idiopathic scoliosis, **69B**, 851
DeMuth, W.W. *with* **Shaw, J.A.** *and* **Gillespy, A.W.** Guidelines for the use of digital tourniquets based on physiological pressure measurements, **67A**, *1086
with others. Traumatic atlanto-occipital joint: case report, **68A**, *1106
Denham, R.A. Knee replacement in revision surgery, **68B**, 842
with **Ainscow, D.A.P.** The risk of haematogenous infection in total joint replacements, **66B**, *580
with **Allen, P.R.** *and* **Swan, A.V.** Late degenerative changes after meniscectomy, **66B**, *666
with **Hall, M.** Fixation pins in the treatment of talipes equinovarus, **68B**, 844
with **Maxted, M.J.** Proximal quadriceps tendon transfer operation for congenital and habitual dislocation of the patella, **67B**, 847
with **Paterson, J.M.H.** *and* **Fulford, P.C.** Femoral component loosening in total hip replacement, **69B**, 155
with **Paterson, M.** *and* **Fulford, P.** Loosening of the femoral component after total hip replacement: the thin black line and the sinking hip, **68B**, *392
with **Thomas, W.G.** Acetabular fixation with removal of the subchondral bone: a 10-year follow-up and a new system of radiological grading, **69B**, 156
with **Wade, P.J.F.** Arthrodesis of the knee after failed knee replacement, **66B**, *362
with others. The Denham knee replacement (The British Orthopaedic Study Group); **67B**, 489
Denham, R.H., Jr. Dorsal defect of the patella, **66A**, *116
Denis, F. *with* **Armstrong, G.W.D.** *and* **Livermore, N.** A morphological classification of thoracolumbar injuries, **67B**,499
with **Armstrong, G.W.D.** *and* **Livermore, N.** Fractures of the thoracolumbar spine: a treatment protocol based on a morphological classification, **67B**, 674
with others. A prospective evaluation of 100 severe open tibial fractures, **67B**, 325
with others. Long-term results of distal femoral fractures, **68B**, 848
Denis, P. *with others.* The Bankart procedure; its reliability among sportsmen, **66B**, 140
Dennis, D.A. *with* **Ferlic, D.C.** *and* **Clayton, M.L.** Acromial stress fractures associated with cuff-tear arthroplasty: a report of three cases, **68A**, *937
Dennis, M.D. *with* **Brodsky, A.E.** *and* **Sassard, W.R.** Alveolar soft-part sarcoma: a case report, **65A**, *841
Dent, A.R. *with* **Brooks, S.** *and* **Thompson, A.G.** Anterior rupture of the lumbosacral disc: report of a case, **65A**, *1186
Denton, J.S. *with* **Dangerfield, P.H.** The rib hump in infantile idiopathic scoliosis and its relationship to vertebral rotation and the Cobb angle, **68B**, 679
DeOrio, J.K. *with* **Cofield, R.H.** Results of a second attempt at surgical repair of a failed initial rotator-cuff repair, **66A**, *563
Dervin, E. *with* **Banks, A.J.** *and* **Galasko, C.S.B.** Spinal stabilisation in secondary malignancy, **65B**, 224
DeSa, D. *with others.* Metastatic osteosarcoma and multiple lung resection: a case report, **68B**, *748
Desai, S.S. *with others.* Femoral anteversion: a clinical assessment of idiopathic intoeing gait in children, **69B**, *75
with others. Osteochondritis dissecans of the patella, **69B**, *320
Deschamps, G. *with others.* Idiopathic osteonecrosis of the knee: aetiology, prognosis and treatment, **65B**, *588
De Silva, R.D.D. *with* **Marshall, R.W.** Computerised axial tomography in traction injuries of the brachial plexus, **68B**, *734
Desjardins, D. *with others.* Incidence and prevention of deep venous thrombosis, **67B**, 675
Desmarais, R. *with others.* Incidence and prevention of deep venous thrombosis, **67B**, 675
DesMarchais, J.E. *with* **Mauriad, G.** *and* **Benazet, J.P.** Treatment of complex fractures of the proximal humerus by Neer hemiarthroplasty, 149, 296
DeSouza, Y. *with* **McNicol, D.** *and* **Mitchell, J.** Organisation and cost analysis of school screening for scoliosis in Australian Capital Territory, **66B**, 790
de Souza, L. Healing time of tibial fractures in Ugandan Africans, **69B**, *56(*brief report*)
De Souza, L.J. *with* **Gustilo, R.B.** *and* **Meyer, T.J.** Results of operative treatment of displaced external rotation-abduction fractures of the ankle, **67A**, *1066
with **Gustilo, R.B.** Results of operative treatment of displaced external rotation-abduction fractures of the ankle, **68A**, 633(*correspondence*), 953(*correspondence*)
Dessouki, E. *with others.* A reappraisal of the Ring metal-on-metal total hip prosthesis: an argument for a stemmed acetabular component design, **67B**, 331
Deutman, R. *with* **Konings, J.G.** *and* **Williams, F.J.B.** The effects of chemonucleolysis as demonstrated by computerised tomography, **66B**, *417
Devas, M.B. *Book reviews*, **65B**, 372; **68B**, 171
Incidence and outcome of fractured proximal femur, **68B**, 156(*discussion*)
Jewett nail-plate or AO dynamic hip screw for trochanteric fractures?: a randomised prospective controlled trial, **65B**, 218(*discussion*)
Mechanical factors in the incidence of adolescent patellofemoral pain, **66B**, 280(*discussion*)
with **Hinves, B.L.** Prevention of acetabular erosion after hemiarthroplasty for fractured neck of femur, **65B**, 219, *548
DeVeber, L.L. *with others.* Surgical synovectomy in the treatment of chronic haemophilic arthropathy, **66B**, 302
Devereaux, M.D. *with others.* Thermographic diagnosis in athletes with patellofemoral arthralgia, **68B**, *42
DeVito, P.D. *with* **Hensinger, R.N.** *and* **Ragsdale, C.G.** Changes in the cervical spine in juvenile rheumatoid arthritis, **68A**, *189
DeWald, R.L. *with* **Hodge, W.A.** Splenic injury complicating the anterior thoracoabdominal surgical approach for scoliosis: a report of two cases, **65A**, *396
Dewanjee, M.K. *with others.* Comparison of indium-labeled-leukocyte imaging with sequential technetium-gallium scanning in the diagnosis of low-grade musculoskeletal sepsis, **67A**, *465
Dewar, F.P. *with others.* A new technique of posterior cervical fusion for instability of the cervical spine, **67B**, 327
Dewar, M. *with* **Wang, D.** A new external reduction and fixation system for fractures, **65B**, 657
with others. Early experience with epiphyseal distraction in the management of limb length discrepancy, **69B**, 154
with others. The Roehampton brace, **67B**, 493

* Indicates full article or appreciable part

Dewar, M.E. *with* **Jones, C.B.** *and* **Aichroth, P.M.** Gradual distraction of the epiphysial growth plate: a human study of the forces generated and early effects on the growth plate, **67B**, 843
with others. The force required to rupture the epiphysis in children undergoing epiphyseal leg lengthening, **69B**, 496
Dewar, R.D. *with* **Missiuna, P.C.** The long-term sequelae of hip fusion, **69B**, 509
Dewer, M. *with* **Crawford, E.** *and* **Aichroth, P.M.** The Westminster Cruciometer for measurement of anterior cruciate instability, **69B**, 159
De Zwart, D.F. *with* **Davidson, J.S.A.** Rupture of the posterior tibial tendon associated with fractures of the ankle: a report of two cases, **65A**, *260
Dias, J.J. *with* **Irvine, G.B.** *and* **Finlay, D.B.L.** Segond fractures of the lateral tibial condyle, **69B**, *613(*brief report*)
with **Stirling, A.J.** *and* **Finlay, D.** Computerised tomography in tibial plateau fractures, **67B**, 845
with others. Acromioclavicular joint injuries: a five-year review of conservatively treated patients, **69B**, 490
with others. Computerised axial tomography for tibial plateau fractures, **69B**, *84
with others. The conservative treatment of acromioclavicular dislocation: review after five years, **69B**, *719
with others. The value of early mobilisation in the treatment of Colles' fractures, **69B**, *463
Dias, L.S. *with* **Giegerich, C.R.** Fractures of the distal tibial epiphysis in adolescence, **65A**, *438, 1208(*correspondence*)
with **Jasty, M.J.** *and* **Collins, P.** Rotational deformities of the lower limb in myelomeningocele: evaluation and treatment, **66A**, *215
Dichmann, O. *with others*. Prophylactic antibiotics in amputation of the lower extremity for ischemia: a placebo-controlled, randomized trial of cefoxitin, **67A**, *800
Dick, T. *with* **Lamb, D.W.** *and* **Douglas, W.B.** A wrist-powered hand prosthesis, **66B**, *742
Dickens, D.R. Spinal anomalies in the VATER association, **68B**, 333
Dickens, R.D. *with* **Torode, I.P.** *and* **Doig, W.G.** Scoliosis correction in Duchenne muscular dystrophy, **69B**, 164
with others. The effectiveness of scoliosis surgery in myelomeningocele, **69B**, 164
Dickey, R. *with others*. Total hip arthroplasty with a low-modulus porous-coated femoral component: progress report, **66A**, *888
Dickhaut, S.C. *with* **DeLee, J.C.** *and* **Page, C.P.** Nutritional status: importance in predicting wound-healing after amputation, **66A**, *71
Dickinson, I.C. *with others*. Results of the treatment of osteosarcoma, 277, **66B**, 784
Dickson, I.R. *with others*. Osteocalcin as a marker of bone metabolism, **67B**, 159
Dickson, J.H. *with others*. Surgical therapy for congenital dislocation of the hip in patients who are twelve to thirty-six months old, **66A**, *412
Dickson, R.A. Conservative treatment for idiopathic scoliosis, **67B**, *176(*review article*)
Review of progressive congenital scoliosis treated by unilateral growth arrest, **67B**, 148(*discussion*)
Scoliosis in juvenile polyarthritis, **68B**, 159(*discussion*)
Scoliosis: school screening; its advantages and disadvantages, **67B**, 486
Short-course chemotherapy in the treatment of spinal tuberculosis: a report from the Medical Research Council's working party, **68B**, 158(*discussion*), 512(*corrigendum*)
The rib hump in adolescent idiopathic scoliosis, **68B**, 159(*discussion*), 512(*corrigendum*)
Thoracic lordoscoliosis in neurofibromatosis: treatment by a Harrington rod with sublaminar wiring: report of two cases, **67A**, 822(*correspondence*)
with **Archer, I.A.** *and* **Deacon, P.** Idiopathic scoliosis in Leeds: a management philosophy, **68B**, 670
with **Archer, I.A.** Biomechanics of spinal deformity, **68B**, 682
with **Archer, I.A.** Stature and idiopathic scoliosis: a prospective study, **67B**, *185
with **Archer, I.A.** Surgical treatment of late-onset idiopathic thoracic scoliosis: the Leeds procedure, **69B**, *709
with **Ardran, G.M.** Reduction of radiation exposure during radiography for scoliosis, **65A**, 1206(*correspondence*)
with **Cruickshank, J.L.** *and* **Koike, M.** The sagittal profile in idiopathic multiple curve scoliosis, **69B**, 854
with **Deacon, P.** *and* **Archer, I.A.** The anatomy and biomechanics of spinal deformity, **66B**, 289
with **Deacon, P.** *and* **Berkin, C.R.** Combined idiopathic kyphosis and scoliosis: an analysis of the lateral spinal curvatures associated with Scheuermann's disease, **67B**, *189
with **Deacon, P.** *and* **Berkin, C.R.** Combined idiopathic kyphosis and scoliosis: Scheuermann's disease revisited, **67B**, 148
with **Deacon, P.** *and* **Flood, B.M.** Idiopathic scoliosis in three dimensions, **66B**, *509
with **Deacon, P.** Spinal growth, **69B**, *690(*annotation*)
with **Deacon, P.** Vertebral growth and the influence of the periosteum: a radiographic and histological study, **67B**, 844
with **Dempster, D.W.** The epidemiology of plagiocephaly and infantile idiopathic scoliosis, **69B**, 851
Dickson, R.A., (*continued*)
with **Lawton, J.O.** *and* **Baker, M.R.** Femoral neck fractures: an anatomical, biochemical and clinical study, **65B**, 90
with **Lawton, J.O.** *and* **Butt, W.P.** Experimental idiopathic scoliosis, **65B**, 657
with **Lawton, J.O.** *and* **Scott, S.A.J.** Physiological treatment for idiopathic scoliosis: experimental basis, **67B**, 160
with **Lynch, A.F.** The relationship of complications to the time between myelography and discectomy, **65B**, *259
with **Nicolau, P.J.** Experimental nerve grafting: vascularisation and regeneration, **67B**, 319
with **Smith, R.M.** Experimental structural scoliosis, **69B**, *576
with **Smith, R.M.** The pathology of experimental scoliosis, **68B**, 841
with **Stirling, A.J.** Idiopathic scoliosis: the Leeds epidemiological survey, **68B**, 497
with **Whitaker, I.A.** *and* **Stirling, A.J.** The first year's follow-up of the MRC scoliosis screening programme, **69B**, 851
with others. Bi-planar spinal asymmetry: the pathogenesis of idiopathic scoliosis, **66B**, 143
with others. Combined median and coronal plane asymmetry: the essential lesion of progressive idiopathic scoliosis, **65B**, 368
with others. Femoral neck fractures: an "at risk" population, **67B**, 494
with others. Respiratory failure in idiopathic scoliosis: an animal model, **69B**, 855
with others. The pathogenesis of idiopathic scoliosis, *8
Diehr, P.H. *with others*. Evaluation of the use of braces to prevent injury to the knee in collegiate football players, **69A**, *2, 1468(*correspondence*)
Dieppe, P.A. *with others*. Tibial stress fracture in pyrophosphate arthropathy, **65B**, *474
Diercks, R.L. *with* **Sauter, A.J.M.** *and* **Mallens, W.M.C.** Aneurysmal bone cyst in association with fibrous dysplasia: a case report, **68B**, *144
Dietrich, S.L. Modern management including musculoskeletal complications of haemophilia, **65B**, 520(*discussion*)
Differding, P. *with* **Schreiber, A.** *and* **Zollinger, H.** Talus partitus: a case report, **67B**, *430
Digby, J.M. *with* **Johnson, F.** Foot loading following tibial shaft fractures, **65B**, 366
with others. Radiological and radionuclide assessment in fibrous dysplasia of bone, **68B**, 161
Dillin, L. *with* **Hoaglund, F.T.** *and* **Scheck, M.** Brachial neuritis, **67A**, *878
Dimick, M. *with others*. Results of treatment of severe carpal-tunnel syndrome without internal neurolysis of the median nerve, **69A**, *896
Dimick, M.P. *with* **Szabo, R.M.** *and* **Gelberman, R.H.** Sensibility testing in patients with carpal tunnel syndrome, **66A**, *60
with others. Sensibility testing in peripheral-nerve compression syndromes: an experimental study in humans, **65A**, *632
Dimmock, S. *with others*. The role of computerised tomography in intervertebral disc prolapse, **68B**, *729
Dimon, J.H., III. *with* Roberson, J.R. Myofibrosis and joint contractures caused by injections of pentazocine: a case report, **65A**, *1007
DiMonte-Levine, P. *with others*. Adult-onset hemiplegia: changes in gait after muscle-balancing procedures to correct the equinus deformity, **68A**, *1249
DiMuria, G.V. *with others*. The long-term results of wedge and compression fractures of the dorsolumbar spine without neurological involvement, **68B**, 334
Din, K.M. *with* **Meggitt, B.F.** Bilateral four-part fractures with posterior dislocation of the shoulder: a case report, **65B**, *176
with **Meggitt, B.F.** Mallet thumb, **65B**, *606
Dines, D. *with* **Healey, J.H.** *and* **Hershon, S.** Painful synovitis secondary to gout in the area of a prosthetic hip joint: a case report, **66A**, *610
Dingeldein, E. *with others*. Pharmacokinetic study of gentamicin-loaded cement in total hip replacements, **66B**, *175
Dingwall, I.M. *with* **Heymen, G.F.** *and* **Nicol, R.O.** Chondrolysis in slipped upper femoral epiphysis in the New Zealand Polynesian, **68B**, 676
Di Paola, M. *with* **Wilson, N.I.L.** Acute septic arthritis in infancy and childhood: 10 years' experience, **68B**, *584
with others. Is there any place for fusion in simple backache?, **67B**, 151
Di Paola, M.P. *with* **Houston, A.** *and* **Connor, A.N.** The incidence of scoliosis in congenital heart disease, **68B**, 681
with **Morris, E.W.** *and* **Waddell, G.** Diagnostic criteria for nerve root involvement in backache, **65B**, 223
DiPiro, J.T. *with others*. Cephalosporins for prophylaxis in operative repair of femoral fractures: levels in serum, muscle and hematoma, **67A**, *921; **68A**, 313(*correspondence*)
DiStefano, M. *with* **Sadler, A.H.** Anterior dislocation of the hip with ipsilateral basicervical fracture: a case report, **67A**, *326
Distefano, M.C. *Book reviews*, **69A**, 317
Ditmanson, P. *with others*. Long-term results of distal femoral fractures, **68B**, 848
Diwan, L. *with* **Schultz, R.J.** *and* **Spiegler, G.** Palmar displacement of the distal end of the ulna in rheumatoid arthritis: a case report, **68A**, *1280
Dixon, A.K. *with others*. The value of computerised tomography and radiculography in the diagnosis of lumbar lateral canal stenosis, **68B**, 670
Dixon, D. The uses of gentamicin beads in osteomyelitis, **66B**, 784

* Indicates full article or appreciable part

Dixon, G.L., Jr. *with others.* Internal fixation of fractures and non-unions of the humeral shaft: indications and results in a multi-center study, **67A**, *857
Dixon, J.H. *with* **Hallett, J.P.** *Mycobacterium kansasii*: an undiagnosed cause of stiff fingers, **65B**, 219
Dizian, R. *with others.* Recurrent stress fractures in military recruits: one-year follow-up of 66 recruits, **68B**, *439
Dobson, C. *with* **Willis, R.B.** *and* **Grainger, R.W.** Legg–Perthes disease: a comparative analysis of innominate and varus osteotomy, **67B**, 332
Dobson, P.J. Electrosurgical arthroscopic meniscectomy: new instrumentation and technique, **69B**, 162
Dobyns, J.H. *with* **Czitrom, A.** *and* **Linscheid, R.L.** Ulnar variance in carpal instability, **69B**, 501
with others. Rupture of the distal tendon of the biceps brachii: a biomechanical study, **67A**, *418
Docherty, T.B. *with others.* Comparison of epidural responses from right and left posterior tibial nerves during surgery for scoliosis, **69B**, 854
Dodds, R. *with others.* Heparin and dihydroergotamine prophylaxis against thrombo-embolism after hip arthroplasty, **67B**, *538
Dodds, R.A. *with others.* Alterations in the bone quality of patients with proximal femoral fractures, **68B**, 839
with others. Changes in crystal size and orientation of acidic glycosaminoglycans at the fracture site in fractured neck of femur, **65B**, *189
with others. Changes in optical properties of the inorganic and organic bone matrix components in fractured neck of femur, **65B**, 90
with others. Interference with the vitamin K_1 cycle in fracture healing, **65B**, 365
with others. Major components of bone in subcapital and trochanteric fractures: a comparative study, **69B**, *234
with others. The acute effect of loading on bone tissue in vivo: a possible signal for mechanical control of bone remodelling, **68B**, 840
Dodge, L.D. *with* **Mauerhan, D.R.** *and* **Murray, W.R.** Detection of sepsis following hip arthroplasty, **66B**, 300
with others. Pyogenic osteomyelitis of the occiput, the atlas, and the axis: a report of five cases, **69A**, *1069
Doering, M.C. *with others.* Late complications of total hip replacement from bone cement within the pelvis, **66B**, *41
Doermer, E. *with* **Letts, R.M.** Conversation in the operating theatre as a cause of airborne bacterial contamination, **65A**, *357; **66A**, 472(*correspondence*)
Doganis, A.C. *with others.* Effects of chemotherapeutic agents on bone: I. short-term methotrexate and doxorubicin (Adriamycin) treatment in a rat model, **66A**, *602
Doherty, N. *with others.* Anatomy of the junction of the vastus lateralis tendon and the patella, **69A**, *545
Doherty, R.J. *with others.* Controlled release glass as a potential bone graft substitute, **65B**, 364
Döhler, J.R. *with others.* Idiopathic hyperphosphatasia with dermal pigmentation: a twenty-year follow-up, **68B**, *305
Doi, K. *with* **Kuwata, N.** *and* **Kawai, S.** Reconstruction of the thumb with a free wrap-around flap from the big toe and an iliac-bone graft, **67A**, *439
Doig, W.G. Acute spinal cord compression in Scheuermann's disease, **65B**, 98(*discussion*)
Luque rods in the treatment of kyphosis in myelomeningocele, **65B**, 98(*discussion*)
Serum glycosaminoglycans in adolescent idiopathic scoliosis and the dilemma of school screening for spinal deformity, **65B**, 675(*discussion*)
with **Torode, I.P.** *and* **Dickens, R.D.** Scoliosis correction in Duchenne muscular dystrophy, **69B**, 164
with others. The effectiveness of scoliosis surgery in myelomeningocele, **69B**, 164
Dolan, P. *with* **Adams, M.A.** *and* **Hutton, W.C.** The stages of disc degeneration as revealed by discograms, **68B**, *36
with **Adams, M.A.** *and* **Hutton, W.C.** The short-term effects of chymopapain on intervertebral discs, **69B**, *422
Dolin, M.G. Late complications due to wire breakage in segmental spinal instrumentation: report of two cases, **66A**, 967(*correspondence*)
Osteotomy of the tibial tubercle in total knee replacement: a technical note, *704, **65A**, 1207(*correspondence*)
The operative treatment of mid-shaft clavicular non-unions, **68A**, 634(*correspondence*)
Dolitsky, B. *with* **Selesnick, F.H.** *and* **Haskell, S.S.** Fracture of the coronoid process requiring open reduction with internal fixation: a case report, **66A**, *1304
Dommisse, G.F. Management of pressure sores in paraplegics by muscle belly pedicle graft and split skin graft, **67B**, 507(*discussion*)
Rotational subluxation of the lumbar spine, **67B**,505(*discussion*)
with others. Fat embolism and the fat embolism syndrome: a double-blind therapeutic study, **69B**, *128
Donaghy, R.M.P. *with* **Frymoyer, J.W.** The ruptured intervertebral disc: follow-up report on the first case fifty years after recognition of the syndrome and its surgical significance, **67A**, *1113
Donald, G. *with others.* A comparison of conventional radiography and computed tomography in the evaluation of spiral fractures of the tibia, **67A**, *1388
Donati, U. *with* **Campanacci, M.** *and* **Cervellati, C.** Autogenous patella as replacement for a resected femoral or tibial condyle: a report on 19 cases, **67B**, *557
Donoghue, V. *with others.* Sacro-iliac joint injuries in children, **67B**, 333
Donohue, J.M. *with others.* The effects of indirect blunt trauma on adult canine articular cartilage, **65A**, *948
Donovan, M.M. *with others.* Surgical therapy for congenital dislocation of the hip in patients who are twelve to thirty-six months old, **66A**, *412
Dooley, B.J. Supracondylar fractures of the humerus in childhood: the use of overhead skeletal traction, **65B**, 675(*discussion*)
The surgical treatment of the destroyed hip joint in the young, **66B**, 786(*discussion*)
The use of a long-stem femoral prosthesis in primary and revision total hip replacement operations, **69B**, 165
with **Lawlor, D.L.** *and* **O'Brien, B.McC.** Microvascular osteocutaneous transfer using the groin flap and iliac crest to replace severe traumatic loss of skin and bone in the extremities, **65B**, 96
with others. Cortical bone grafts with muscle pedicles: an experimental study of survival and ability to bridge a bone gap, **67B**, *804
Doppelt, S. *with others.* Evaluation of Gaucher disease using magnetic resonance imaging, **68A**, *802
Doppelt, S.H. *with* **Bell, R.S.** *and* **Mankin, H.J.** Osteomyelitis in Gaucher disease, **68A**, *1380
Dopping-Hepenstal, P. *with others.* Mineral formation in the osteoid of human bone, **65B**, 92
with others. Ultrastructural changes in the osteoid of patients with fibrogenesis imperfecta ossium, **67B**, 318
Doran, A. *with* **Broughton, N.S.** *and* **Meggitt, B.F.** Silastic ball spacer in the first metatarsophalangeal joint, **69B**, 678
Dorey, F. *with others.* Deep sepsis following total knee arthroplasty: ten-year experience at the University of California at Los Angeles Medical Center, **68A**, *226
Dorfman, H. *with others.* Endometriosis in the biceps femoris: a case report and review of the literature, **69A**, *290
Dorfman, H.D. *with* **Jumbelic, M.** *and* **Feuerstein, I.M.** Solitary intraosseous lymphangioma: a case report, **66A**, *1479
with **Sowa, D.T.** Unusual localization of adamantinoma of long bones: report of a case of isolated fibular involvement, **68A**, * 293
with **Weiss, A.-P.C.** S-100 protein in human cartilage lesions, **68A**, *521
Dorgan J.C. *with* **Abbot, T.R.** *and* **Bentley, G.** Intra-operative awakening to monitor spinal cord function during scoliosis surgery, **66B**, *716
Dorgan, J.C. *with others.* A six-month surveillance programme for congenital dislocation of the hip and acetabular dysplasia, **69B**, 498
with others. Juvenile idiopathic scoliosis in Merseyside, **69B**, 851
with others. School screening for scoliosis in Liverpool, England, and Jeddah, Saudi Arabia: a comparison of methods, **69B**, 851
Dormehl, I.C. *with* **Mennen, U.** *and* **Goosen, D.J.** Evaluation of the healing process of bone fractures in the non-human primate using sequential technetium-99m methylene disphosphonate scintigraphy, **67B**, 507
Dorner, D.B. *with* **Stubbs, D.H.** *and* **Johnston, R.C.** Thrombosis of the iliofemoral artery during revision of a total hip arthroplasty: a case report, **68A**, *454
Dorr, L.D. *Book reviews*, **66A**, 973
Total knee arthroplasty: a comprehensive approach, **66A**, 1495(*correspondence*)
with **Takei, G.K.** *and* **Conaty, J.P.** Total hip arthroplasties in patients less than forty-five years old, **65A**, *474
Dorrell, J.H. *with* **Birch, R.** *and* **Bonney, G.L.W.** The role of vascularisation of ulnar nerve grafts in complete lesions of the brachial plexus, **67B**, 494
with **Catterall, A.** The torn acetabular labrum, **68B**, *400
Douglas, D.L. Neurogenic claudication treated with calcitonin, **66B**, 279(*discussion*)
with **Sherman, K.P.** *and* **Benson, M.K.D'A.** Keller's arthroplasty: is distraction useful?, **66B**, *765
with others. Chemical measurement of bone GLA protein (BGP, osteocalcin): an indicator of bone metabolism, **65B**, 93
with others. The long-term results of surgical management of paralytic pes cavus by soft-tissue release and tendon transfer, **69B**, 499
Douglas, D.P. *with* **Peimer, C.A.** *and* **Koniuch, M.P.** Motion of the wrist after simulated limited intercarpal arthrodeses: an experimental study, **69A**, *1413
Douglas, W.B. *with* **Dick, T.** *and* **Lamb, D.W.** A wrist-powered hand prosthesis, **66B**, *742
Douik, M. *with* **Fowles, J.V.** *and* **Kassab, M.T.** Untreated posterior dislocation of the elbow in children, **66A**, *921
Dove, J. Is there any place for fusion in simple backache?, **67B**, 151(*discussion*)
Long-term prognosis of stable lumbar fractures in young adults, **66B**, 285(*discussion*)
Osteoid osteoma and osteoblastoma of the spine, **66B**, 278(*discussion*)
Preliminary report on the Hartshill rectangle, **68B**, 681
Segmental spinal instrumentation: British Scoliosis Society morbidity report, **68B**, 680
with **Baker, A.S.** Progressive scoliosis as the first presenting sign of syringomyelia: report of a case, **65B**, *472
with others. Luque segmental spinal instrumentation for scoliosis: a preliminary clinical and biomedical report, **66B**, 284

* Indicates full article or appreciable part

Dowd, G.S. *with* **McAuliffe, T.B.** Avulsion of the subscapularis tendon: a case report, **69A**, *1454
Dowd, G.S.E. Prognosis and classification of epiphysial injuries, **67B**, 149(*discussion*)
with **Bentley, G.** Radiographic assessment in patellar instability and chondromalacia patellae, **68B**, *297
with **Bentley, G.** Radiographic assessment in patients with patellofemoral pain, **67B**, 155
with **Linge, K.** *and* **Bentley, G.** Measurement of transcutaneous oxygen pressure in normal and ischaemic skin, **65B**, *79
with **Tuite, J.D.** *and* **Calvert, P.T.** Functional results after prolonged delayed union of tibial fractures, **68B**, 667
with others. A long-term study following Bennett's fracture, **68B**, 157
with others. A six-month surveillance programme for congenital dislocation of the hip and acetabular dysplasia, **69B**, 498
with others. Transcutaneous oxygen levels and stump healing in lower limb amputation for peripheral vascular disease, **66B**, 290
Dowden, R.V. *with* **Weinzweig, N.** *and* **Stulberg, B.N.** The use of tissue expansion to allow reconstruction of the knee: a case report, **69A**, *1238
Dowdle, E.B. *with* **Learmonth, I.D.** An appraisal of some of the biochemical factors involved in the degradation of cartilage in rheumatoid arthritis, **66B**, 461
Dowell, J.K. *with others.* Combined compression and distraction Harrington instrumentation in adolescent idiopathic scoliosis, **69B**, 853
Dowler, J. *with others.* Post-traumatic conversion paralysis, **66B**, 779
Dowling, F.E. *with* **Goldberg, C.** *and* **Bakir, L.** Does sublaminar wiring derotate the spine or reduce lordosis?, **69B**, 853
with others. Electrical surface stimulation for idiopathic scoliosis, **68B**, 681
Downes, E.M. *with* **Watson, J.** Development of the iron-core electromagnet for the treatment of non-union and delayed union, **66B**, *754
Dowson, D. *with others.* Bi-planar spinal asymmetry: the pathogenesis of idiopathic scoliosis, **66B**, 143
with others. External wear of the polyethylene socket in cemented total hip arthroplasty, **69B**, *61
with others. The role of cement and roughening upon the penetration rate of femoral heads into acetabular cups of Charnley prostheses, **68B**, 496
Doyle, C. *with others.* The elasticity of subchondral bone and the aetiology of osteoarthritis, **67B**,843
Drabu, K. *with others.* To probe or not to probe, **68B**, 842
Drabu, K.J. *with* **Walker, G.** Stiffness after fractures around the knee in spina bifida, **67B**, *266
Drake, C.F. *with others.* Controlled release glass as a potential bone graft substitute, **65B**, 364
Drawbert, J.P. *with others.* Tarsal and carpal coalition and symphalangism of the Fuhrmann type: report of a family, **67A**, *884
Draycott, V. *with others.* The rib deformity in adolescent idiopathic scoliosis: a prospective study to evaluate changes after Harrington distraction and posterior fusion, **69B**, *179
with others. The rib hump in adolescent idiopathic scoliosis, **68B**, 159, 512(*corrigendum*)
Dreghorn, C.R. *with others.* The real cost of joint replacement, **68B**, 160
Dreher, G. *with others.* Segmental spinal instrumentation with sublaminar wires: a critical appraisal, **69A**, *851
Drennan, J.C. *with* **Pelker, R.R.** *and* **Ozonoff, M.B.** Juvenile synovial chondromatosis of the hip: a case report, **65A**, *552
Drewniany, J.J. *with* **Palmer, A.K.** Isolated, complete radial dislocation of the scaphoid: a case report and review of the literature, **65A**, 871(*correspondence*)
Drummond, D.S. *with others.* Congenital dislocation of the peroneal tendons in the calcaneovalgus foot, **65B**, *316
with others. Lyme arthritis in children: an orthopaedic perspective, **69A**, *96
Drvaric, D.M. *with others.* Kawasaki syndrome presenting as pyarthrosis of the hip: a case report, **68A**, *467
Duance, V.C. *with* **Lehto, M.** *and* **Restall, D.** Collagen and fibronectin in a healing skeletal muscle injury: an immunohistological study of the effects of physical activity on the repair of injured gastrocnemius muscle in the rat, **67B**, *820
with **Shimokomaki, M.** *and* **Bailey, A.J.** Biochemical and immunohistological characterisation of new articular cartilage collagens, **65B**, 93
Dubousset, J. Torticollis in children caused by congenital anomalies of the atlas, **68A**, *178
Dubowitz, B. *with* **Friedman, L.** *and* **Papert, B.** The oblique cranial tilt view for spondylolysis, **69B**, *421(*brief report*)
Dubs, L. *with others.* Changes in local bone density after knee arthroplasty: the use of quantitative computed tomography, **69B**, *407
Dubuc, F. Chemonucleolysis: chymopapain, yes; Apotrinin, no, **67B**, 335
Duc, P.N. *with others.* The response of articular cartilage to weight-bearing against metal, **66B**, *592
Duchesne, R. *with* **Thivierge, A.** *and* **Nader, N.A.** The sub-trochanteric fracture of the femur: treatment by Richard's screw-plate, **67B**, 325
Ducker, T. *with others.* Failure of stabilization of the spine with methylmethacrylate: a retrospective analysis of twenty-four cases, **69A**, 1109(*correspondence*)
Ducker, T. *with others.* Failure of stabilization of the spine with methylmethacrylate: a retrospective analysis of twenty-four cases, **68A**, *1145
Duckworth, T. *Book reviews*, **65B**, 372, 526
Experience of real-time ultrasonography of the infant hip joint, **67B**, 149(*discussion*)
Hallux rigidus and its surgical management: a dynamic pedobarographic investigation, **68B**, 843
The classification of foot deformities, **69B**, 159
The congenital flat foot: a borderline condition between the congenital vertical talus and the severe flat foot, **67B**, 490(*discussion*)
with **Atkins, R.M.** *and* **Kanis, J.A.** Algodystrophy: a common disorder?, **68B**, 497
with **Rowley** *and* **Norris, S.H.** A simple method of gait analysis for the assessment of ankle fractures, **65B**, 366
with **Rowley, D.I.** *and* **Norris, S.H.** Ankle fractures: should we operate or not?, **66B**, 144
with **Rowley, D.I.** *and* **Norris, S.H.** A prospective trial comparing operative and manipulative treatment of ankle fractures, **68B**, *610
with others. A cerclage technique for metatarsus primus varus, **69B**, 678
with others. An operation for Freiberg's disease, **67B**, 671
with others. Functional bracing: an alternative treatment for peri-articular fractures of the proximal tibia, **67B**, 145
with others. Neuropathic ulcers of the foot, **67B**, *438
with others. Plantar pressure measurements and the prevention of ulceration in the diabetic foot, **67B**, *79
with others. The long-term results of surgical management of paralytic pes cavus by soft-tissue release and tendon transfer, **69B**, 499
with others. Vascularity and mechanical strength in healing fractures, **65B**, 658
Duff, S.R.I. *with others.* Controlled release glass as a potential bone graft substitute, **65B**, 364
Dufour, J. *with others.* Epidemiology of disorders of the foot in the child and adult amenable to surgical treatment, **66B**, 142
Dugdale, T.W. *with* **Renshaw, T.S.** Instability of the patellofemoral joint in Down syndrome, **68A**, *405
Dughman, S.S. *with others.* The effect of core decompression on femoral head blood flow in steroid-induced avascular necrosis of the femoral head, **67A**, *121
Duhaime, M. *with others.* Correction of the kyphosis in myelomeningocele patients by both anterior and posterior stabilisation procedure, **66B**, 302
with others. Long-term complications of innominate osteotomy in the treatment of Legg– Perthes disease, **67B**, 332
with others. Natural history of scoliosis in Friedreich's ataxia, **68A**, *564
with others. Pattern of muscle weakness and its relation to loss of ambulatory function in Friedreich's ataxia, **69B**, 507
with others. Spinal segmental instrumentation for the treatment of all types of paralytic scoliosis, **66B**, 299
Duhaime, N. *with others.* Natural history of scoliosis in Friedreich's ataxia, **68B**, 855
Duijfjes, F. *with* **Pöll, R.G.** The treatment of recurrent dislocation of the peroneal tendons, **66B**, *98
Duke, R.F.N. *with* **Sharp, D.J.** *and* **Porter, K.M.** The resolution of protrusio acetabuli treated with Ring's hip prosthesis, **66B**, *635
Duke, R.N.F. *with others.* Long-term review of Ring total hip arthroplasty, **68B**, 669
Duncan, C.P. *with* **Beauchamp, C.P.** *and* **McGraw, R.W.** Don't throw away the reamers: a new technique of hip arthrodesis, **67B**, 330
with **Rickards, R.** The collar–calcar contact controversy, **68B**, 851
with others. Osteoid osteoma: a 30-year experience with 76 cases at the University of British Columbia, **67B**, 328
with others. Pre-operative chemotherapy in osteosarcoma, **67B**, 329
with others. Results of revision total hip surgery at Vancouver General Hospital, **68B**, 851
Duncan, D. *with others.* Atlanto-axial instability and spinal cord compression in children — diagnosis by computerized tomography, **66A**, *708
Duncan, H. *with others.* The tibial subchondral plate: a scanning electron microscopic study, **69A**, *1212
Duncan, J.A.T. Chemical lumbar sympathectomy, **67B**,174(*annotation*)
Dunham, J. Preliminary studies in a cytochemical bone-bioassay of parathyroid hormone, **65B**, 94
Dunkerley, D.R. *Book reviews*, **67B**, 342, 686
Dunlop, R.B. *with* **Adams, M.A.** *and* **Hutton, W.C.** Disc space narrowing and the lumbar facet joints, **66B**, *706
Dunn, A.W. Volar dislocation of the capitate: report of a case, **67A**, 980(*correspondence*)
Dunn, H. *with others.* Composite structure fixation in total knee arthroplasty: a preliminary report of a multi-centre clinical trial, **66B**, 300
Dunn, H.K. *Book reviews*, **65A**, 572
Dunn, P.M. *with others.* Congenital dislocation of the hip: the preliminary results of a 10-year screening programme in Bristol, **65B**, 226
Dunstan, C.R. *with others.* The effect of age on bone composition and viability in the femoral head, **67A**, *274
Du Plessis, M.P. The composition of muscle fibres in a group of adolescents aged 14 to 16 years, **67B**, 506

* Indicates full article or appreciable part

Dupuis, P.R. Symptomatic developmental narrow lumbar spinal canal in the adolescent: a study of six cases, **67B**, 334
with **Joughin, E.** On the efficacy of a single dose of epidural morphine for postoperative analgesia in low-back surgery: a double-blind prospective study, **69B**, 510
with others. Radiological evaluation of lumbar instability with regard to the predominant lesion concept, **66B**, 298
with others. Unstable fractures of the thoracolumbar spine: a ten year experience at Sacre-Coeur Hospital, **66B**, 294
Duthie, R. *Book reviews*, **65B**, 681
Duthie, R.B. A prospective computer analysis of road accident injuries, **66B**, 783(*discussion*)
British orthopaedics: transform or conform (*Presidential address*, British Orthopaedic Association), **67B**, 483
Experience of real-time ultrasonography of the infant hip joint, **67B**, 149(*discussion*)
External fixation of tibial fractures, **66B**, 614(*discussion*)
Non-accidental injury as a cause of femoral fractures in childhood, **68B**, 156(*discussion*)
Normal kinematics of the lumbar spine and pelvis, **66B**, 611(*discussion*)
Primary total hip replacement for displaced intracapsular fractures of the femur, **66B**, 614(*discussion*)
Resurfacing arthroplasty of the hip, **66B**, 614(*discussion*)
Scheuermann's disease (spinal osteochondrosis) as an aetiological factor in lumbar disc prolapse in young persons, **66B**, 611(*discussion*)
School screening for scoliosis in New Zealand: a pilot study, **66B**, 612(*discussion*)
Synovium as a surface replacement, 609 (*discussion*)
The long-term results of anterior cervical decompression fusion in spondylotic myelopathy, **66B**, *612(*discussion*)
The rib hump in adolescent idiopathic scoliosis, **68B**, 159(*discussion*),
The technique and efficacy of manipulation in the frozen shoulder syndrome, **67B**, 495(*discussion*)
Touraine–Solente–Golé syndrome, **67B**, 150(*discussion*)
Tourniquet pressure: the effect of limb circumference and initial blood pressure, **66B**, 608(*discussion*)
with **McLardy Smith, P.** *and* **Ashton, I.K.** The effects of synovium on human cartilage matrix breakdown in tissue culture, **67B**, 158
with **Newman, R.J.** The measurement of tissue pH at calcifying fronts by ^{31}P NMR spectroscopy, **67B**, 154
with **Rastogi, S.** *and* **Wild, B.R.** Biomechanical aspects of human femora fractured in automobile accidents, **67B**, 494
with **Rastogi, S.** *and* **Wild, B.R.** Biomechanical aspects of femoral fractures in automobile accidents, **68B**, *760
with **Rastogi, S.** Fractures of the shaft of femur in road traffic accidents, **66B**, 615
du Toit, G. Anterior spinal cord decompression in kyphosis with particular reference to healed tuberculosis, **66B**, 455
One-stage decompression-stabilisation of thoracolumbar fractures, **66B**, 456(*discussion*)
Rotational subluxation of the lumbar spine, **67B**, 505
with **Allerton, K.E.G.** *and* **Deane, R.H.** Thoracolumbar flexion-distraction fractures, **68B**, 508
with **Allerton, K.E.G.** A review of the management of spinal tuberculosis at Princess Alice Orthopaedic Hospital, **66B**, 456
with **Keys, R.I.** *and* **Kaye, J.C.** Wagner leg-lengthening, **69B**, 682
with **Paterson, M.P.** The use of femoral head allograft in spinal surgery, **69B**, 681
du Toit, G.T. Beukes' familial hip dysplasia, **67B**,506(*discussion*)
du Toit, L. *with others.* Studies on rheumatoid foot deformities, **68B**, 505
du Toit, S.N. A comparative study of the incidence of infection in open fractures of the tibia using an external fixation device or plaster cast immobilisation, **66B**, 459(*discussion*)
A review of the management of spinal tuberculosis at Princess Alice Orthopaedic Hospital, **66B**, 456(*discussion*)
with **Usdin, J.C.** Chemonucleolysis for herniated intervertebral discs, **67B**, 504
Dvonch, V. *with* **Orenstein, E.** *and* **Demos, T.** Acute traumatic bowing of the tibia without fracture: case report, **67A**, *965
Dvonch, V.M. *with* **Bunch, W.H.** *and* **Chapman, R.G.** The candidate's view of the orthopaedic residency selection process, **68A**, *1292
Dwyer, F.C. The long-term results of conservative management of full-thickness tears of the rotator cuff, **68B**, 162(*discussion*)
Dwyer, N.St.J.P. The relationship of ligamentous clicks arising from the newborn hip and congenital dislocation, **67B**, 491(*discussion*)
with **O'Hara, J.N.** *and* **Bernard, A.A.** Congenital dislocation of the hip: open reduction by the medial approach in infancy, **68B**, 668
Dyason, E.R. *with* **Van Niekerk, J.J.** Results of open Küntscher nailing, **68B**, 506
Dye, S.F. An evolutionary perspective of the knee, **69A**, *976
Dymond, I.W.D. The treatment of isolated fractures of the distal ulna, **66B**, *408
with **Erken, E.H.W.** Baumann's angle: a radiological assessment of supracondylar fractures of the humerus in children, **66B**, 458
with **Read, G.O.** An approach providing immediate functional movement of the postoperative knee and hip, **66B**, 453
Dyreby, J.R., Jr. *with* **Keene, J.S.** High tibial osteotomy in the treatment of osteoarthritis of the knee: the role of preoperative arthroscopy, **65A**, *36
Dyson, M. *with* **Brookes, M.** Stimulation of bone repair by ultrasound, **65B**, 659
Dyson, P.H.P. *with* **Cannon, S.R.** Relationship of the site of open biopsy of malignant bone tumours to local recurrence following resection and prosthetic replacement, **69B**, 492
with **Lynskey, T.G.** *and* **Catterall, A.** Congenital hip dysplasia: problems in the diagnosis and management of the abnormal hip in the first year, **69B**, 155

E

Eady, J.L. *with* **Brenton, G.E.** *and* **Johnson, D.E.** Leiomyosarcoma of the hand and wrist: report of two cases, **68A**, *139
with **McKinney, J.D.** *and* **McDonald, E.C.** Primary leiomyosarcoma of bone: a case report and review of the literature, **69A**, *287
Earle, J.D. *with others.* Osteosarcoma of the spine, **68A**, *660
Eastwood, D.M. *with* **Tubbs, O.N.** Failures of arthroscopic meniscectomy, **67B**, 157
Ebara, S. *with others.* Cervical radiculopathy or myelopathy secondary to athetoid cerebral palsy, **69A**, *815 *with others.* Myelopathy hand: new clinical signs of cervical cord damage, **69B**, *215, 511(*corrigendum*)
Ebelin, M. *with others.* Synovectomy of the elbow in young hemophilic patients, **69A**, *264
Ebraheim, N.A. *with others.* Compartment syndrome in open tibial fractures, **68A**, *1348
Eckardt, J.J. *with others.* Extraforaminal disc herniation simulating a retroperitoneal neoplasm: case report, **67A**, *1275
Ecker, J. *with* **Sikorski, J.M.** Starvation as a cause of pathological fractures in the elderly, **66B**, 779
Ecker, J.O. *with* **Gilmour, W.N.** *and* **Harvey, J.** Morton's metatarsalgia, **68B**, 333
Ecker, M.L. *with others.* Indications for the treatment of deep venous thrombosis following total knee replacement, **66A**, *202, 1145(*correspondence*)
Edbrooke, M.R. *with others.* Identification and characterisation of the human calcitonin precursor, **65B**, 92
Edelson, J.G. *with* **Husseini, N.** The pulseless club foot, **66B**, *700
with **Nathan, H.** *and* **Arensburg, B.** Diastematomyelia – the "double-barrelled" spine, **69B**, *188
with **Nathan, H.** Nerve root compression in spondylolysis and spondylolisthesis, **68B**, *596
with others. Congenital dislocation of the hip and computerised axial tomography, **66B**, *472
Edelstein, S. *with others.* Levels of active metabolites of vitamin D_3 in the callus of fracture repair in chicks, **69B**, *132
Edgar, M.A. *Book reviews*, **65B**, 679; **66B**, 467; **67B**, 168
Bi-planar spinal asymmetry: the pathogenesis of idiopathic scoliosis, **66B**, 143(*discussion*)
Inflammatory lesions of the anterior annulus in low back pain syndrome, **67B**, 501(*discussion*)
Scoliosis: school screening; its advantages and disadvantages, **67B**, 487(*discussion*)
To brace or not to brace, **67B**, 173(*editorial*)
with **Calvert, P.T.** *and* **Webb, P.J.** Neurofibromatosis and scoliosis, **67B**, 500
with **Ross, A.C.** Scoliosis in juvenile polyarthritis, **68B**, 159
with **Slovick, G.** Change in the lumbar lordosis following posterior spinal fusion and instrumentation, **69B**, 852
with others. A check list for spinal cord monitoring: is it a true or false-positive change, **69B**, 854
with others. A system for the electrophysiological monitoring of the spinal cord during operations for scoliosis, **65B**, *134
with others. Intramedullary spinal cord tumours presenting as scoliosis, **66B**, *513
with others. Multiple-level distraction instrumentation for adolescent idiopathic scoliosis, **68B**, 670
with others. Scoliosis in juvenile chronic arthritis, **69B**, *175
Edge, A.J. *Book reviews*, **67B**, 171
Edholm, P. *with* **Hammer, R.** *and* **Lindholm, B.** Stability union after tibial shaft fracture, **66B**, *529
Edmonds, J.P. *with* **McGuigan, L.E.** Post-traumatic osteolysis of the pubic bone simulating a malignant lesion, **66A**, 1143(*correspondence*)
with **McGuigan, L.E.** *and* **Painter, D.M.** Pubic osteolysis, **66A**, *127
Edmunds, J.O., Jr. *with others.* Chronic atlanto-axial instability in Down syndrome, **67A**, *1356
Edwards, A.N. *with* **Grimer, R.J.** *and* **Karpinski, M.R.K.** The long-term results of Stanmore total knee replacement, **66B**, *55
Edwards, C.C. *with* **Levine, A.M.** The management of traumatic spondylolisthesis of the axis, **67A**, *217
Edwards, D. *with others.* The role of computerised tomography in intervertebral disc prolapse, **68B**, *729

* Indicates full article or appreciable part

Edwards, E.R. *with* **Menelaus, M.B.** Reverse club foot: rigid and recalcitrant talipes calcaneovalgus, **69B**, *330
Edwards, J. *with* **Rowley, D.I.** Helping the paraplegic to walk, **69B**, 173(*annotation*)
Edwards, P.W. A long-term study following Bennett's fracture, **68B**, 158(*discussion*)
Supracondylar fractures of the humerus in childhood: results of straight lateral traction, **68B**, 155(*discussion*)
Edwards, R.T.H. *with* **Owen, R.** *and* **Turner, A.** Stiff men, wax dolls and tin soldiers: a diagnostic and therapeutic dilemma, **68B**, 162
Edwards, W.T. *with others.* Prediction of vertebral body compressive fracture using quantitative computed tomography, **67A**, *1206
Eftekhar, N.S. Total knee-replacement arthroplasty: results with the intramedullary adjustable total knee prosthesis, **65A**, *293
Egawa, T. *with others.* Duplication of the thumb: a retrospective review of two hundred and thirty-seven cases, **65A**, *584
Eggli, D.F. *with others.* Diagnosis of infection by preoperative scintigraphy with indium-labeled white blood cells, **69A**, *1353
Egund, N. *with* **Wingstrand, H.** *and* **Forsberg, L.** Sonography and joint pressure in synovitis of the adult hip, **69B**, *254 *with others.* Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **69A**, 153(*correspondence*)
with others. Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **68A**, *538
Eguro, H. Transverse myelitis following chemonucleolysis: report of a case, **65A**, *1328; **66A**, 1320(*correspondence*); **67A**, 346(*correspondence*)
Ehrlich, M.G. *with* **Leeds, H.C.** Instability of the distal tibiofibular syndesmosis after bimalleolar and trimalleolar ankle fractures, **66A**, *490
with others. Elaboration of neutral proteoglycanase by growth-plate tissue cultures, **69A**, *76
Eibel, P. The anterior tarsal syndrome: report of four cases, **67A**, 170(*correspondence*)
with others. Desmoplastic fibroma of a metatarsal: case report, **68A**, *459
Eichenfield, A.H. *with others.* Lyme arthritis in children: an orthopaedic perspective, **69A**, *96
Eickhoff, W. *with* **Weh, L.** Anterior knee pain and muscular patellar gliding, **68B**, 841
Einhorn, T.A. *with* **Bonnarens, F.** *and* **Burstein, A.H.** The contributions of dietary protein and mineral to the healing of experimental fractures: a biomechanical study, **68A**, *1389
with others. The healing of segmental bone defects induced by demineralized bone matrix: a radiographic and biomechanical study, **66A**, *274
Einoder, B.J. Closed intramedullary fixation of supracondylar fractures of the osteoporotic femur using Ender's nails, **65B**, 101
Pull-through Kirschner-wire hook used to reattach cruciate ligament injuries, **65B**, 99
Eisenstein, S. *Book reviews*, **69B**, 515
Eisenstein, S.M. The use of a simplified form of pulsed electromagnetic fields in the treatment of fracture non-union, **67B**, 503(*discussion*)
with **Mehdian, H.** *and* **Summers, B.** Painful scoliosis secondary to an osteoid osteoma of the rib, **69B**, 855
with **Parry, C.R.** The lumbar facet arthrosis syndrome: clinical presentation and articular surface changes, **69B**, *3
Eisman, J.A. *with* **Martin, T.J.** Osteolytic Paget's disease: recognition and risks of biopsy, **68A**, *112
Eismont, F. *with others.* Failure of stabilization of the spine with methylmethacrylate: a retrospective analysis of twenty-four cases, **69A**, 1109(*correspondence*)
Eismont, F.J. *with* **Green, B.A.** *and* **Quencer, R.M.** Post-traumatic spinal-cord cyst: a case report, **66A**, *614
with others. Coexistent infection and tumor of the spine: a report of three cases, **69A**, *452
with others. Failure of posterior cervical fusions using cadaveric bone graft in children, **67A**, *370
with others. Failure of stabilization of the spine with methylmethacrylate: a retrospective analysis of twenty-four cases, **68A**, *1145
with others. Pyogenic and fungal vertebral osteomyelitis with paralysis, **65A**, *19
Ejsted, R. *with* **Olsen, N.J.** *and* **Krogh, P.**. St Georg modular knee prosthesis: a two-and-a-half to six-year follow-up, **68B**, *787
with **Olsen, N.J.** Revision of failed total hip arthroplasty, **69B**, *57
with others. The Catterall classification of Perthes' disease: an assessment of reliability, **68B**, *614
Ekbladh, L.E. *with others.* Late complications of total hip replacement from bone cement within the pelvis, **66B**, *41
Ekeland, A. An experience of the signal arm (K-Y) nail, **67B**, 147(*discussion*)
with others. Interlocking intramedullary nailing in femoral shaft fractures: a report of forty-eight cases, **67A**, *1313
El-Fakhri, T. *with others.* Luque segmental spinal instrumentation for scoliosis: a preliminary clinical and biomedical report, **66B**, 284
El-Hadidi, S. *with others.* The Herbert screw for fractures of the scaphoid: a review of results and technical difficulties, **69B**, *124
El-Khoury, G.Y. Synovectomy of the knee for hemophilic arthropathy, **69A**, 152(*correspondence*)
with **Clark, C.R.** *and* **Gravett, A.W.** Acute traumatic rotatory atlanto-axial dislocation in children: a report of three cases, **66A**, *774
with **Foucar, E.** *and* **Buckwalter, J.** Gout presenting as a femoral cyst: a case report, **66A**, *294
with others. Fine-needle aspiration biopsy of bone, **65A**, *522
Elborgh, R. *with others.* Synovectomy of the knee in juvenile chronic arthritis: a retrospective, consecutive follow-up study, **68B**, *223
Elliot, A.C. *with* **Gräbe, R.P.** *and* **Read, C.J.** Treatment of pertrochanteric fractures of the femur with flexible intramedullary nails, **67B**, 504
Elliott, B.G. *with* **Briggs, C.** Lateral epicondyle: a review of the anatomy and its association with "tennis elbow", **69B**, 163
Elliott, J.R.M. *with* **Templeton, J.** *and* **Barros D'Sa, A.A.B.** Combined bony and vascular limb trauma: a new approach to treatment, **66B**, 281
with **Templeton, J.** External fixation in severe upper limb injuries: Belfast experience, **69B**, 152
Elliott, R. *with* **Thomson, N.L.** Assessment of patellofemoral tracking: preliminary results of arthroscopic lateral release, **68B**, 337
Ellis, A. *with others.* Scoliosis and other orthopaedic problems in Duchenne muscular dystrophy: a review of 82 cases, **65B**, 221
with others. The management of equinus deformity in Duchenne muscular dystrophy, **66B**, *546
Ellis, J. *with others.* Metatrophic dwarfism: uncoupling of endochondral and perichondral growth, **69A**, *174 *with others.* Rupture of the calcaneal tendon: the early and late management, **69B**, *416
Ellis, M. *with* **Nakamura, N.** *and* **Seedhom, B.B.** Advancement of the tibial tuberosity: a biomechanical study, **67B**, *255
Ellis, W. *In situ* pinning of the slipped upper femoral epiphysis: a trouble free procedure?, **68B**, 155(*discussion*)
Ellman, H. *with* **Hanker, G.** *and* **Bayer, M.** Repair of the rotator cuff: end-result study of factors influencing reconstruction, **68A**, *1136
Ellman, M.H. *with* **Finder, J.G.** *and* **Jablon, M.** Massive synovial hypertrophy in Reiter's syndrome: a case report, **65A**, *555
El Masri, W.S. *with* **Gopalakrishnan, K.C.** Fractures of the sternum associated with spinal injury, **68B**, *178
Elrod, B. *with others.* Surgical treatment of tears of the rotator cuff in athletes, **68A**, *887
Elson, R.A. Rupture of the central slip of the extensor hood of the finger: a test for early diagnosis, **68B**, *229, 158
Elster, A.D. Quadriplegia after minor trauma in the Klippel-Feil syndrome: a case report and review of the literature, **66A**, *1473
Elsworth, C. *with* **Walker, G.** The safety of the Denis Browne abduction harness in congenital dislocation of the hip, **68B**, *275
Elsworth, C.F. *with others.* To probe or not to probe, **68B**, 842
Elvy, G.A. *with* **Gillespie, W.J.** *and* **Rose, M.** Orthopaedic patients and problem drinking, **66B**, 615
with **Gillespie, W.J.** Problem drinking in orthopaedic patients, **67B**, *478
Elwood, J.M. Screening versus routine diagnostic process, **67B**, 486
with **Aylott, C.** The presentation of scoliosis, **69B**, 851
Emerson, R.H., Jr. *with* **Potter, T.** The use of the McKeever metallic hemiarthroplasty for unicompartmental arthritis, **67A**, *208
Emery, R.J.H. *with* **Williams, D.H.** *and* **Robertson, K.P.** Distal metatarsal osteotomy for painful plantar keratoses: a day case treatment, **68B**, 844
with others. Early experience with epiphyseal distraction in the management of limb length discrepancy, **69B**, 154
Emslie, K. *with others.* Acute haematogenous osteomyelitis and septic arthritis—a single disease: an hypothesis based upon the presence of transphyseal blood vessels, **68B**, *268
Engber, W.D. Reactive synovitis from particulate Silastic, **65A**, 281(*correspondence*)
Synovial and osseous inflammation in failed silicone-rubber prostheses: a report of six cases, **65A**, 281(*correspondence*)
with **Keene, J.S.** Irreducible fracture-separation of the distal ulnar epiphysis: report of a case, **67A**, *1130
with others. Congenital dislocation of the peroneal tendons in the calcaneovalgus foot, **65B**, *316
Engdahl, D.E. *with* **Kaufman, R.A.** *and* **Hopson, C.N.** Computed tomography in the diagnosis of a rare plantar ganglion cyst in a child: case report, **65A**, *1348
Engfeldt, B. *with others.* Stereological studies on the epiphyseal growth plate in strontium-induced rickets: with special reference to the distribution of matrix vesicles, **66A**, *1274
Engh, C. *Book reviews*, **67A**, 989
Engh, C.A. *with* **Bobyn, J.D.** *and* **Glassman, A.H.** Porous-coated hip replacement: the factors governing bone ingrowth, stress shielding, and clinical results, **69B**, *45
with others. Excessive metal release due to loosening and fretting of sintered particles on porous-coated hip prostheses: report of two cases, **68A**, *606
Engkvist, O. *with* **Olerud, S.** *and* **Henriksson, T-G.** A free vascularized fibular graft in lengthening of the humerus with the Wagner apparatus: report of a case in a twenty-year-old man, **65A**, *111
England, R.E. *with* **Jarvis, J.G.** *and* **McIntyre, W.M.** Computerised tomography and the triplane fracture, **69B**, 507

* Indicates full article or appreciable part

English, E. *with* **McElwain, J.P.** *and* **Hunter, G.A.** Syme's amputation in adults: a long-term review, **68B**, 849
with **McElwain, J.P.** *and* **Pilliar, R.M.** Radiological analysis of the English–Macnab porous-coated total shoulder replacement, **67B**, 326
Enneking, W.F. Chondroblastoma, **67B**, 509(*discussion*)
Dedifferentiated parosteal osteosarcoma, **66A**, 967(*correspondence*)
Orthopaedic education then and now, **69A**, 1279
The education of future orthopaedists, **66A**, *1139
with **Bertoni, F.** *and* **Present, D.** Giant-cell tumor of bone with pulmonary metastases, **67A**, *890
with **Burchardt, H.** *and* **Glowczewskie, F.P., Jr.** The effect of Adriamycin and methotrexate on the repair of segmental cortical autografts in dogs, **65A**, *103
with **Gearen, P.F.** Fibrous dysplasia of the femoral neck: treatment by cortical bone-grafting, **68A**, *1415
with **Springfield, D.** *and* **Gross, M.** The surgical treatment of parosteal osteosarcoma in long bones, **67A**, *125
with others. Electromagnetic stimulation of canine bone grafts, **66A**, *693
with others. The comparative value of bone scintigraphy and computed tomography in determining bone involvement by soft-tissue sarcomas, **66A**, *1400
with others. The meaning of radiolucencies in parosteal osteosarcoma, **67A**, *901
Enslin, T.B. An approach providing immediate functional movement of the postoperative knee and hip, **66B**, 453(*discussion*)
Fibular fusions in the low back, **69B**, 684
with **Shipley, J.A.** Scoliosis treatment by simultaneous Harrington and Dwyer instrumentation and posterior fibula graft, **68B**, 508
Epps, C.H., Jr. Orthopaedics in 1954-1987: advances in orthopaedic surgery for trauma, **69A**, 1270
Proximal femoral focal deficiency, **65A**, *867(*current concepts review*)
Medical liability, 1986: *Presidential address,* American Orthopaedic Association, **68A**, *1116
Epstein, H.P. *with* **Minns, R.J.** *and* **Porter, B.B.** Upper tibial osteotomy for osteoarthritis of the knee: (I) determination of loading on the joint compartments; (II) tools to assist the operation, **65B**, 220
Erasmus, P.J. A technique of diagnostic arthroscopic surgery of the knee and a discussion of the short-term results, **67B**, 507
Eriksson, K. *with others.* Recurrences after initial dislocation of the shoulder: results of a prospective study of treatment, **65A**, *343
Erken, E.H.W. *with* **Köhnke, W.** The adolescent ankle fracture, **68B**, 506
Costo-vertebral anomalies in osteogenesis imperfecta, **67B**, 508(*discussion*)
Equinus deformity in Duchenne muscular dystrophy, **69B**, 684
The tendo calcaneus, the stretch reflex and the paratenon, **67B**, 508(*discussion*)
with **Katz, K.** Irritable hip and Perthes' disease, **67B**,508
Habitual dislocation of the patella, **66B**, 452(*discussion*)
Spondylo-epi-metaphysial dysplasia with joint laxity and severe progressive kyphoscoliosis, **66B**, 455(*discussion*)
Surgical management of partial closure of the growth plate, **66B**, 460(*discussion*)
The assessment of pre-operative plantar pressure profiles in patients with hallux valgus, **66B**, 458(*discussion*)
The hip in myelomeningocele, **66B**, 451
with **Dymond, I.W.D.** Baumann's angle: a radiological assessment of supracondylar fractures of the humerus in children, **66B**, 458
with **Hammer, A.J.** Radiocoloids: joint protection in haemophilia?, **66B**, 457
with **Matthews, S.J.** *and* **Craig, J.B.** Surgical correction of spinal deformity due to neuromuscular disease using Luque segmental spinal instrumentation, **69B**, 684
with others. Dislocation of the hip in cerebral palsy: management in children with total body involvement, **66B**, 451
with **Matthews, S.J.** *and* **Schepers, A.** Spinal stabilisation in neuromuscular disease, **68B**, 507
Erling, M.A. *with others.* Osteoid-osteoma: intraoperative tetracycline-fluorescence demonstration of the nidus, **68A**, *747
Errico, T. *with* **Kostuik, J.P.** *and* **Gleason, T.** Correction of iatrogenic lumbar kyphosis (flat back syndrome), **69B**, 503
Errico, T.J. *with* **Kostuik, J.P.** *and* **Gleason, T.F.** Spinal stabilisation of vertebral column tumours, **68B**, 853
Esdaile, J. *with* **Rudicel, S.** The randomized clinical trial in orthopaedics: obligation or option?, **67A**, *1284; **68A**, 632(*correspondence*), 1466(*correspondence*)
Esser, M. Jewett nail-plate or AO dynamic hip screw for trochanteric fractures?: a randomised prospective controlled trial, **65B**, 218(*discussion*)
with **Bray, T.J.** *and* **Fulkerson, L.** Osteotomy of the trochanter in open reduction and internal fixation of acetabular fractures, **69A**, *711 *with others.* Bone grafting for protrusio acetabuli during total hip replacement: a review of the Wrightington method in 61 hips, **69B**, *229
Esser, M.P. *with* **Kassab, J.Y.** *and* **Jones, D.H.A.** Trochanteric fractures of the femur: a randomised prospective trial comparing the Jewett nail-plate with the Dynamic Hip Screw, **68B**, *557, 157
with others. deep infection in Charnley low-friction arthroplasty: comparison of plain and gentamicin-loaded cement, **69B**, *355
Esses, S. *with* **Hastings, D.E.** *and* **Schatzker, J.** The results of revision of total hip arthroplasty, **66B**, 301
with **Langer, F.** *and* **Gross, A.E.** The management of giant-cell tumours of the knee by *en bloc* excision and allograft reconstruction, **66B**, 297
Esses, S.I. *with* **Harrington, I.J.** *and* **White, R.C.** The use of a pylon for early ambulation after below-knee amputation: a preliminary report, **67B**, 335
Essex, W.B. *with others.* The biocompatibility testing of the ceramic Mg-PSZ implanted into the paraspinalis muscles of rabbits, **65B**, 100
Essigman, W.K. *with others.* Transoral decompression and posterior fusion for rheumatoid atlanto-axial subluxation, **68B**, *350
Esterhai, J.L. *with others.* A modified Bristow–Helfet–May procedure for recurrent dislocation and subluxation of the shoulder: report of two hundred and twelve cases, **69A**, *904
Euinton, H.A. *with others.* Is water-soluble radiculography accurate in predicting the level of bony entrapment of lumbosacral nerve roots?, **67B**, 499
Evans, D. *with others.* Cauda equina syndrome and lumbar disc herniation, **68A**, *386
Evans, D.C. *with others.* Anterior transposition for ulnar neuropathy at the elbow, **67B**, 329
with others. Cauda equina syndrome and lumbar disc herniation, **66B**, 298
with others. Fractures of the forearm treated by compression plating: a retrospective review, **67B**, 326
with others. Lumbar disc herniation in the elderly, **68B**, 853
Evans, D.K. *Book reviews,* **65B**, 371
A morphological classification of thoracolumbar injuries, **67B**, 499(*discussion*)
Dislocations at the cervicothoracic junction, **65B**, *124
Management of the upper limb in traumatic tetraplegia, **65B**, 222(*discussion*)
Presidential address, British Orthopaedic Association, **69B**, *486
Stabilisation of the cervical spine, **69B**, 1(*editorial*)
Unilateral facet dislocation of the cervical spine, **66B**, 147(*discussion*)
Evans, D.L. Conflict of interest, **69B**, 517(*editorial*)
Supracondylar fractures of the humerus in childhood: results of straight lateral traction, **68B**, 155(*discussion*)
The orthopaedic surgeon (*Robert Jones Lecture*), **68B**, *662
with **Catterall, R.C.F.** The hand-over, **65B**, 233(*editorial*)
Evans, E.B. *with others.* Skeletal suspension in the management of severe burns in children: a sixteen-year experience, **68A**, *1375
Evans, G. *with others.* Ascorbic acid levels in fractures of the neck of the femur, **69B**, 158
Evans, G.A. *with* **Hardcastle, P.** *and* **Frenyo, A.D.** Acute rupture of the lateral ligament of the ankle: to suture or not to suture?, **67B**, 145
with **Hardcastle, P.** *and* **Frenyo, A.D.** Acute rupture of the lateral ligament of the ankle, **66B**, *209
with **Hoyle, M.D.** *and* **Hughes, J.R.** Asymmetry of hip abduction during the first year of life, **67B**, 149
with **Kendig, R.J.** *and* **Hughes, J.R.** How does femoral osteotomy influence the natural history of Perthes' disease?, **68B**, 154
with **van der Rijt, A.J.** The long-term results of Watson-Hones tenodesis, **66B**, *371
with others. The relationship of ligamentous clicks arising from the newborn hip and congenital dislocation, **67B**,491
Evans, J.G. *with* **Boyce, J.** Incidence and outcome of fractured proximal femur, **68B**, 156
with **Hornby, R.** *and* **Vardon, V.** Trochanteric fractures in the elderly, **68B**, 157
with others. Experiences with the Madreporic hip system, **69B**, 508
with others. Non-cemented total hip arthroplasty, **66B**, 300
Evans, J.H. *with others.* The rib deformity in adolescent idiopathic scoliosis: a prospective study to evaluate changes after Harrington distraction and posterior fusion, **69B**, *179
Evans, L.G. *with others.* A new surgical approach to fractures of the lateral tibial plateau, **66A**, *1236
Evans, M. *with others.* The application of controlled intermittent cyclical loading in the acceleration of fracture healing, **65B**, 364
Evans, P.E.L. *with* **Thomas, W.G.** The long and short of intramedullary nailing, **67B**, 494
with **Thomas, W.G.** Tibial fracture through a traction-pin site: a report of two cases, **66A**, *1475
Evans, R.A. *with* **Taylor, J.F.** *and* **Warrell, E.** Response of the growth plates to tibial osteotomy in rats, **69B**, *664
with others. The effect of age on bone composition and viability in the femoral head, **67A**, *274, 1303(*correspondence*)
Evans, R.E. *with others.* Congenital dislocation of the hip: the preliminary results of a 10-year screening programme in Bristol, **65B**, 226
Evans, T.A. *with* **Stewart, J.D.M.** *and* **Sullivan, M.F.** Arthrodesis of the hip, **69B**, 488
Evarts, C.M. "Choice of a resident", **68B**, 335
Advances in adult orthopaedic surgery 1954-1987, **69A**, 1267
Arthrodesis of the hip in adolescents and young adults: a long-term functional review, **67B**, 498(*discussion*)
Leaders and leadership: tomorrow's American Orthopaedic Association (*Presidential address,* American Orthopaedic Association), **67A**, *1298

* Indicates full article or appreciable part

Evarts, C.M., (*continued*)
The indications for the use of and the complications of using a Minneapolis femoral component with a 32 mm diameter head in combination with a Müller HDP acetabular component as a cemented total hip replacement, **67B**, 498(*discussion*)
with **Ayers, D.C.** *and* **Parkinson, J.R.** The prevention of heterotopic ossification in high-risk patients by low-dose radiation therapy after total hip arthroplasty, **68A**, *1423
with **Brodell, J.D.** *and* **Axon, D.L.** The Robert Jones bandage, **68B**, *776
with **Younkin, S.** *and* **Steigbigel, R.T.** *Candida parapsilosis* infection of a total hip-joint replacement: successful reimplantation after treatment with amphotericin B and 5-fluorocytosine: a case report, **66A**, *142
Evrard, J. Cementless fixation of the acetabular component of the hip, 147(*discussion*)
with **Mazas, T.** *and* **Hill, C.** How to evaluate the impact of a scientific paper, **66B**, 144
Ewald, F.C. *with* **Friedman, R.J.** Arthroplasty of the ipsilateral shoulder and elbow in patients who have rheumatoid arthritis, **69A**, *661
with others. Kinematic total knee replacement, **66A**, *1032
with **Scott, R.D.** *and* **Walker, P.S.** Fracture of the metallic tibial tray following total knee replacement: report of two cases, **66A**, *780
with others. McKeever metallic hemiarthroplasty of the knee in unicompartmental degenerative arthritis: long-term clinical follow-up and current indications, **67A**, *203
with others. Quantitative gait analysis after total knee arthroplasty for monarticular degenerative arthritis, **65A**, *605
with others. Total knee arthroplasty in juvenile rheumatoid arthritis, **65A**, *1071
Ewing, J.W. *Book reviews*, **67A**, 174
Eyre-Brook, A.L. A prospective study of the treatment of acromioclavicular dislocation, **66B**, 279(*discussion*)

F

Fagg, P.S. *with* **Wallace, W.A.** *and* **Toghill, P.J.** The value of indium-111 leucocyte scans for detecting deep infection after joint replacement, **67B**, 320
Fahmy, N.R.M. *with* **Barnes, K.L.** *and* **Noble, J.** A technique for difficult arthrodesis of the knee, **66B**, *367
with **Galasko, C.S.B.** *and* **Rushton, S.** Prostaglandins, meniscal lesions, meniscectomy and osteoarthritis: an experimental study, **67B**, 159
with **Noble, J.** *and* **Barnes, K.L.** Combined intramedullary nailing and Charnley compression for difficult knee arthrodesis, **65B**, 224
with **Williams, E.A.** *and* **Noble, J.** Meniscal pathology and osteoarthritis of the knee, **65B**, *24
with others. Is carpal tunnel release always successful?, **65B**, 222
Fahrer, M. The function of the short extensors of the toes: a clinical-anatomical study, **66B**, 784
with **Price, R.** Theoretical bases for tendon transfers, **65B**, 673
Fairbank, J.C.T. Prospective CT study of the effect of chemonucleolysis, **66B**, 281(*discussion*)
with **Pynsent, P.B.** *and* **Phillips, H.** The assessment of joint mobility in orthopaedic research, **65B**, 656
with others. Assessment of fracture healing by vibration analysis, **66B**, 286
with others. Mechanical factors in the incidence of adolescent patellofemoral pain, **66B**, 279
with others. Mechanical factors in the incidence of knee pain in adolescents and young adults, **66B**, *685
with others. The natural frequency of tibial fractures, **66B**, 287
Fairbank, T.J. Richard Weeden Butler, **65B**, 362(*obituary*)
Subacromial bursoscopic findings in patients with painful shoulders, **67B**, 496(*discussion*)
The results of early mobilisation of fractures of the neck of the fifth metacarpal, **67B**, 492(*discussion*)
Fairclough, J.A. *with* **Colhoun, E.N.** *and* **Johnson, S.R.** Bone scanning for hip fracture in patients with osteoarthritis, **69B**, *848(*brief report*)
with **Mintowt-Czyz, W.J.** *and* **Jenkins, N.H.** Irreducible dislocation of the inferior radio-ulnar joint, **69B**, 152
with **Mintowt-Czyz, W.J.** Prophylactic cefamandole in orthopaedic surgery, **67A**, 665(*correspondence*)
with others. Bone scanning for suspected hip fractures: a prospective study in elderly patients, **69B**, *251
with others. The contaminated skin-knife: a surgical myth, **65B**, *210
Faithfull, D.K. Avascular necrosis of the scaphoid: partial replacement using a stabilised silicone implant, **66B**, 776(*discussion*)
with **Sonnabend, D.H.** *and* **Breit, R.** Assessment of the use of external fixators for fractures of the distal end of the radius, **66B**, 777
with **Sonnabend, D.H.** Computerised arthrotomography at the glenohumeral joint, **69B**, 163
with **Sonnabend, D.H.** Operative repair of acromioclavicular dislocation, **66B**, 789
Fakharani-Hein, M. *with* **Schuler, P.** Treatment of newborn hip maturation disturbance verified by ultrasound, **69B**, 490
Falahee, M.H. *with* **Matthews, L.S.** *and* **Kaufer, H.** Resection arthroplasty as a salvage procedure for a knee with infection after a total arthroplasty, **69A**, *1013
Falconer, D.P. *with* **Adar, U.** Pseudoaneurysm secondary to a protruding screw as a result of normal growth and remodeling following supracondylar osteotomy: a case report, **66A**, *1126
Falkenberg, P. *with* **Nygaard, H.** Isolated anterior dislocation of the proximal tibiofibular joint, **65B**, *310
Fallaha, M. *with* **Antoun, R.** *and* **Turcotte, R.** Closed intramedullary nailing of femoral fractures: a review of 76 cases, **69B**, 500
Fallon, M.D. *with others.* Metatrophic dwarfism: uncoupling of endochondral and perichondral growth, **69A**, *174
Faloon, W. *with others.* Functional electrical stimulation of the peroneal nerve for hemiplegia: long-term clinical follow-up, **67A**, *792
Fang, D. *with* **Leong, J.C.Y.** *and* **Fang, H.S.Y.** Tuberculosis of the upper cervical spine, **65B**, *47
Fang, H.S.Y. *with* **Fang, D.** *and* **Leong, J.C.Y.** Tuberculosis of the upper cervical spine, **65B**, *47
Fansa, M. *with* **Muckle, D.S.** *and* **Bruce, R.J.** Long-term prognosis of stable lumbar fractures in young adults, **66B**, 285
Farine, I. *with* **Pritsch, M.** *and* **Horoshovski, H.** Arthroscopic treatment of osteochondral lesions of the talus, **68A**, *862
Farmer, M.H. *with others.* The result of a case control study of host defences in haematogenous osteomyelitis of childhood, **65B**, 520
Farquharson-Roberts, M.A. *with* **Osborne, A.H.** Partial rupture of the anterior cruciate ligament of the knee, **65B**, *32
Farr, G.F. School screening for scoliosis in New Zealand: a pilot study, **66B**, 612(*discussion*)
The treatment of spinal stenosis by partial facetectomy, **66B**, 608
Farrands, P.A. *with others.* Localisation of human osteosarcoma by antitumour monoclonal antibody, **65B**, *638
Farrell, R. *with others.* Heparin and dihydroergotamine prophylaxis against thrombo-embolism after hip arthroplasty, **67B**, *538
Farsetti, P. *with* **Ippolito, E.** *and* **Tudisco, C.** Vertebra plana: long-term follow-up in five patients, **66A**, *1364
with **Ippolito, E.** *and* **Tudisco, C.** The long-term prognosis of unilateral Perthes' disease, **69B**, *243
Fassier, F. *with others.* Correction of the kyphosis in myelomeningocele patients by both anterior and posterior stabilisation procedure, **66B**, 302
with others. Long-term complications of innominate osteotomy in the treatment of Legg–Perthes disease, **67B**, 332
with others. The value of computerised tomography in the evaluation of recurrent patellar subluxation, **69B**, 504
Fath, M.A. *with* **Hassanein, M.R.** *and* **James, J.I.P.** Congenital absence of pain: a family study, **65B**, *186
Fatti, J.F. *with* **Mosher, J.F.** An unusual complication of fracture of both bones of the forearm in a child: a case report, **68A**, *451
Faugere, M-C. *with* **Malluche, H.H.** Comparison of different bone-biopsy techniques for qualitative and quantitative diagnosis of metabolic bone diseases, **65A**, *1314
Favero, K.J. *with* **Hawkins, R.H.** *and* **Jones, M.W.** Brachial plexus neuropathy: a report of 34 cases, **68B**, 848
with **Hawkins, R.H.** *and* **Jones, M.W.** Neuralgic amyotrophy, **69B**, *195
with **Tooke, S.M.** Results of treatment of intracapsular fractures in young and middle aged adults, **66B**, 295
with **Tooke, S.M.T.** Femoral neck fractures in skeletally mature patients, fifty years old or less, **67A**, *1255
Fay, J.J. *with others.* Diagnosis of meniscal tears using high-resolution computed tomography: correlation with arthroscopy, **69A**, *498
Fehring, T.K. *with* **Milek, M.A.** Isolated volar dislocation of the radiocarpal joint: a case report, **66A**, *464
Feiglin, D.H. *with others.* Allograft reconstruction of the acetabulum during revision total hip arthroplasty: clinical, radiographic, and scintigraphic assessment of the results, **68A**, *527
Fender, E. *with others.* Biplane radiographic measurements of reversible displacement (including clinical loosening) and migration of total joint replacements, **65A**, *1134
Feng, C.-H. Present state of orthopaedics in People's Republic of China, **69B**, 162
Ferguson, A. *with others.* Vitamin D deficiency and osteomalacia in patients with femoral neck fracture, **65B**, 90
Ferguson, C. *with others.* Metastatic osteosarcoma and multiple lung resection: a case report, **68B**, *748
Ferguson, J.H. *with* **McLaren, A.C.** *and* **Miniaci, A.** Crush syndrome associated with use of the fracture-table: a case report, **69A**, *1447
Fergusson, C.M. *with* **Johnson, D.P.** Early diagnosis of atlanto-axial rotatory fixation, **68B**, *698
with **Morrison, J.D.** *and* **Kenwright, J.A.** The place of Syme's amputation for the treatment of leg-length discrepancy, **67B**, 150
with **Morrison, J.D.** *and* **Kenwright, J.** Leg-length inequality in children treated by Syme's amputation, **69B**, *433
Ferkel, R.D. *with others.* Arthroscopy — "no-problem surgery": an analysis of complications in two thousand six hundred and forty cases, **68A**, *256
with others. Muscular torticollis: a modified surgical approach, **65A**, *894

Ferlic, D.C. *Book reviews*, **68A**, 797
Book reviews, **69A**, 798, 958
with **Dennis, D.A.** *and* **Clayton, M.L.** Acromial stress fractures associated with cuff-tear arthroplasty: a report of three cases, **68A**, *937
with **Hofammann, D.Y.** *and* **Clayton, M.L.** Arthroplasty of the basal joint of the thumb using a silicone prosthesis: long-term follow-up, **69A**, *993
Fernandez, G.N. Pseudarthrosis of the ulna and osteoarthritis of the elbow: a case report, **68B**, *574
with **Robertson, J.A.** The anterior cruciate-deficient knee treated by modified
Marshall–MacIntosh repair, **69B**, 160
Fernie, G. *with* **Kostuik, J.P.** Pressure sores in elderly patients, **67B**, *1(*editorial*)
Feron, J.M. *with others*. Fractured odontoid with fractured superior articular process of the axis: report of three cases, **68B**, *182
Ferrari, B. *with* **Steffee, A.D.** Trapeziometacarpal total joint replacement using the Steffee prosthesis, **68A**, *1177
Ferreira, A.P. Common complications of bunion surgery influencing the development of the open wedge osteotomy of the first metatarsal, **69B**, 685
Double plantar fasciotomy for treatment of the mobile cavus foot, **66B**, 457
Reconstruction as treatment for the rigid cavovarus foot, **68B**, 505
Ferrer, J.E. *with* **Zickel, R.E.** *and* **Hobeika, P.** The use of flexion in the reduction and fixation of slipped capital femoral epiphysis: a case report, **68A**, * 299
Ferretti, A. *with* **Cerullo, G.** *and* **Russo, G.** Suprascapular neuropathy in volleyball players, **69A**, *260
Ferris, B. *with* **Hutton, P.** Anteriorly displaced transverse fracture of the sacrum at the level of the sacro-iliac joint: a report of two cases, **65A**, *407
with **Jones, C.** Paraplegia due to aspergillosis: successful conservative treatment of two cases, **67B**, *800
Ferris, B.B. *with others*. Major components of bone in subcapital and trochanteric fractures: a comparative study, **69B**, *234
Ferris, B.D. *with* **Aichroth, P.M.** A review of the treatment of congenital knee dislocation, **67B**, 847
with **Goldie, B.** *and* **Weir, W.** An unusual presentation of tuberculosis: "trauma TB", **69B**, 157
with others. Alterations in the bone quality of patients with proximal femoral fractures, **68B**, 839
with others. The Roehampton brace, **67B**, 493
Ferriter, P. *with* **Scott, W.N.** *and* **Marino, M.** Intra-articular transfer of the iliotibial tract: two to seven-year follow-up results, **67A**, *532
with others. Popliteal pseudoaneurysm: a case report, **65A**, *695
Ferro, G.V. Carlos E. Ottolenghi, **66A**, 1498(*obituary*)
Ferro, L. *with* **Postacchini, F.** *and* **Massobrio, M.** Familial lumbar stenosis: case report of three siblings, **67A**, *321
Feuerstein, I.M. *with* **Jumbelic, M.** *and* **Dorfman, H.D.** Solitary intraosseous lymphangioma: a case report, **66A**, *1479
Ficat, C. Surgical repair of extensive idiopathic osteolysis of the pelvic girdle (Jackson-Gorham); **66B**, 148(*discussion*)
Ficat, R.P. Idiopathic bone necrosis of the femoral head: early diagnosis and treatment, *3(*review article*)
Fiddian, N.J. *with* **Browett, J.P.** Delayed median nerve injury due to retained glass fragments: a report of two cases, **67B**, *382
with **Grace, D.L.** Traumatic dislocation of the hip in adolescence with separation of the capital epiphysis: two case reports, **65B**, 148
with **King, R.J.** The winged scapula, **66B**, 140
with **McAuliffe, T.B.** *and* **Browett, J.P.** Entrapment neuropathy of the superficial peroneal nerve: a bilateral case, **67B**, *62
with **Packer, N.P.** *and* **Kavanagh, T.G.** Arthrodesis of the hip in adolescents and young adults: a long-term functional review, **67B**, 497
with **Sudlow, R.A.** *and* **Browett, J.P.** Ruptured femoral vein, **66B**, *493
Fidler, M.W. Anterior decompression and stabilisation of metastatic spinal fractures, **68B**, *83
Knee arthrodesis following prosthesis removal: use of the Wagner apparatus, **65B**, *29
Pathological fractures of the cervical spine, **67B**, *352
with **Goedhart, Z.D.** Excision of prolapse of thoracic intervertebral disc, **66B**, *518
with **Plasmans, C.M.T.** The effect of four types of support on the segmental mobility of the lumbosacral spine, **65A**, *943
with others. Hepatitis B antigen in joint irrigation fluid: a hazard for hospital personnel, **69B**, *662
Field, G.A. *with* **Zdeblick, T.A.** *and* **Shaffer, J.W.** The use of urokinase in ischemic replanted extremities in rats, **69A**, *442
Fielding, J.W. Domestic rehabilitation of pateients with fractures of the proximal femur, **66B**, 782(*discussion*)
First vice-president's address, American Academy of Orthopaedic Surgeons, **65A**, *862
Percutaneous needle biopsy of the spine as a method of histological diagnosis, **67B**, 508(*discussion*)
The cervical spine in rheumatoid arthritis, **67B**, 503(*discussion*)
Fielding, J.W., (*continued*)
with **Francis, W.R. Jr.** *and* **Pippen, J.** Traumatic spondylolisthesis of the axis, **66B**, 608, 780
with **Hoyt, W.A., Jr.** The first fifty years of the Academy, **65A**, 1040
Fietti, V.G., Jr. Dynamic external fixation for comminuted intra-articular fractures of the distal end of the radius, **69A**, 1110(*correspondence*)
Figgie, H.E.,III. *with others*. The influence of tibial-patellofemoral location on function of the knee in patients with the posterior stabilized condylar knee prosthesis, **68A**, *1035
Finder, J.G. *with* **Ellman, M.H.** *and* **Jablon, M.** Massive synovial hypertrophy in Reiter's syndrome: a case report, **65A**, *555
Finerman, G. *Book reviews*, **68A**, 957
Finerman, G.A.M. *with others*. Bone repair induced by bone morphogenetic protein in ulnar defects in dogs, **68B**, *635
Finlay, D. *with* **Dias, J.J.** *and* **Stirling, A.J.** Computerised tomography in tibial plateau fractures, **67B**, 845
with others. The use of nuclear magnetic resonance in the diagnosis of lateral canal entrapment, **66B**, *711
Finlay, D.B.L. *with* **Irvine, G.B.** *and* **Dias, J.J.** Segond fractures of the lateral tibial condyle, **69B**, *613(*brief report*)
with **Quinton, D.N.** *and* **Butterworth, R.** The elbow fat pad sign, **69B**, *844(*brief report*)
with others. Computerised axial tomography for tibial plateau fractures, **69B**, *84
with others. CT scanning of os calcis fractures, **69B**, 159
Finlay, J.B. *with others*. Stability of ten configurations of the Hoffman external-fixation frame, **69A**, *734
with others. The effect of medial meniscectomy on strain distribution in the proximal part of the tibia, **66A**, *1431
Finlayson, D. Complications of tension-band wiring of olecranon fractures, **68A**, 951(*correspondence*)
with others. Is there any place for fusion in simple backache?, **67B**, 151
Finlayson, D.F. *with* **Roberts, J.A.** *and* **Freeman, P.A.** The long-term results of the Howse total hip arthroplasty: with particular reference to those requiring revision, **69B**, *545
Finn, H.A. *with others*. Scintigraphy with gallium-67 citrate in staging of soft-tissue sarcomas of the extremity, **69A**, *886
Finnegan, M. *with* **Galey, J.P.** *and* **D'Astous, J.L.** A "scientific" approach to unicameral bone cysts, **69B**, 505
with **Uhthoff, H.K.** The effects of metal plates on post-traumatic remodelling and bone mass, **65B**, *66
Finsterbush, A. *with* **Pogrund, H.** Hip dysplasia associated with abduction contracture of the contralateral hip, **65A**, 1029(*correspondence*)
Fipp, G.J. Performance of the tibial component in total knee replacement, **65A**, 422(*correspondence*)
Firer, P. Arthroscopic meniscectomy: South African experience, **67B**, 507
Technical considerations and a review of materials and results in the reconstruction of the anterior cruciate ligament using artificial fibres, **69B**, 680
with **Strover, A.E.** The anterior approach to the posterior cruciate ligament, **66B**, 788
Firth, J.L. *with others*. Impact of MRI on management of neurological complications of spinal deformity, **69B**, 854
Fischer, J.A. *with others*. Bone loss in premenopausal and postmenopausal women: a cross-sectional and longitudinal study using quantitative computed tomography, **66A**, *1015
Fischer, W. *with* **Walsh, M.J.** *and* **Churches, A.** A new device for knee surgery, **68B**, 338
Fish, J.B. Cuneiform osteotomy of the femoral neck in the treatment of slipped capital femoral epiphysis, **66A**, *1153
Fisher, R.H. The use of epidural steroids in the treatment of lumbar radicular pain, **68A**, 789(*correspondence*)
Fisher, W.D. Unstable fractures of the greater tuberosity of the humerus, **65B**, 225(*discussion*)
with **Hamblen, D.L.** *and* **Kumar, V.P.** The Guepar hinge prosthesis for salvage of failed knee arthroplasty, **65B**, 226
with **Kelly, I.G.** *and* **Foster, R.S.** Neer total shoulder replacement in rheumatoid arthritis, – **69B**, *723 *with* **White, B.L.** *and* **Laurin, C.A.** Rate of mortality for elderly patients after fracture of the hip in the 1980's, **69A**, *1335
with **White, B.L.** *and* **Laurin, C.A.** Mortality rate in elderly patients following hip fractures in the 1980s, **69B**, 503
with others. A bacteriologically occlusive clothing system for use in the operating room, **65B**, *502
with others. Surgical stabilisation of the rheumatoid cervical spine: indications and results, **68B**, 848
with others. Surgical stabilisation of the rheumatoid cervical spine: a review of indications and results, **69B**, *8
Fisher, W.E. *with* **Herbert, T.J.** Management of the fractured scaphoid using a new bone screw, **66B**, *114
Fisher. R.L. *with others*. Chronic arthritis of the knee in Lyme disease: review of the literature and report of two cases treated by synovectomy, **68A**, *1057

* Indicates full article or appreciable part

Fisk, G.R. *Book reviews*, **66B**, 622, 623; **68B**, 859
Non-union of the carpal scaphoid treated by wedge grafting, **66B**, 277
The long-term results following conservative management of severely displaced fracture of the os calcis, **66B**, 286(*discussion*)
The wrist, *396(*review article*)
Tibial plateau fractures, **66B**, 282(*discussion*)
Fitch, H.F. *with* **Groth, H.E.** Posterior tibial tendon rupture and the severe rheumatoid flatfoot, **69B**, 493
Fitton, J.M. Non-specific tendo-vaginitis of tibialis posterior: a wrong diagnosis, **68B**, 843
with **Lawton, J.O.** Osteoclastomata (giant-cell tumours): a 30-year review of the Leeds Bone Tumour Registry, **68B**, 671
Fitzgerald, R.H. *with* **Kavanagh, B.F.** Multiple revisions for failed total hip arthroplasty not associated with infection, **69A**, *1144
Fitzgerald, R.H., Jr. Experimental osteomyelitis: description of a canine model and the role of depot administration of antibiotics in the prevention and treatment of sepsis, **65A**, *371
Fitzgerald, R.H.,Jr. *with* **Berquist, T.H.** Magnetic resonance imaging, **68A**, *799(*editorial*)
with **Hall, B.B.** The pharmacokinetics of penicillin osteomyelitic canine bone, **65A**, *526
with **Hall, B.B.** *and* **Rosenblatt, J.E.** Anaerobic osteomyelitis, **65A**, *30
with **Kavanagh, B.F.** *and* **Ilstrup, D.M.** Revision total hip arthroplasty, **67A**, *517
with **Nutton, R.W.** *and* **Kelly, P.J.** Early dynamic bone-imaging as an indicator of osseous blood flow and factors affecting the uptake of ^{99m}Tc hydroxymethylene diphosphonate in healing bone, **67A**, *763; **68A**, 789(*correspondence*)
with **Thompson, R.L.** Cephalosporin antibiotics in the prevention and treatment of musculoskeletal sepsis, **65A**, *1201(*current concepts review*)
with others. Comparison of indium-labeled-leukocyte imaging with sequential technetium-gallium scanning in the diagnosis of low-grade musculoskeletal sepsis, **67A**, *465
with others. Local muscle flaps in the treatment of chronic osteomyelitis, **67A**, *175
Fitzpatrick, C.B. Chevron osteotomy for the treatment of hallux valgus: a review of 75 patients, **65B**, 519(*discussion*)
The treatment of femoral fractures by cast brace application and early ambulation: a prospective review of 106 patients, **65B**, 518(*discussion*)
Fitzpatrick, T. *with others*. Quantitative criteria for prediction of the results after displaced fracture of the ankle, **65A**, *667
Fixsen, J.A. *Book reviews*, **65B**, 107, 525
Book reviews, **69B**, 170
Anterior and posterior displacement of the hip after innominate osteotomy, **69B**, *361
Rotation-plasty, **65B**, 529(*editorial*)
The relationship of ligamentous clicks arising from the newborn hip and congenital dislocation, **67B**, 491(*discussion*)
with **Addison, A.** *and* **Lloyd-Roberts, G.C.** A review of the Dillwyn Evans type collateral operation in severe club feet, **65B**, *12
with **Goddard, N.J.** Rotation osteotomy of the humerus for birth injuries of the brachial plexus, **66B**, *257
with **Green, A.D.L.** *and* **Lloyd-Roberts, G.C.** Talectomy for arthrogryposis multiplex congenita, **66B**, *697
with others. A long-term review of tibialis anterior tendon transfer in congenital club foot, **67B**, 490
with others. The use of the pneumatic orthosis in osteogenesis imperfecta, **68B**, 668
with others. Tibial dysplasia: a study of the anatomy, **65B**, *157
Flanagan, J.P. *with* **Dandy, D.J.** Functional stability of the knee following ligament reconstruction, **67B**, 152
Flandry, F. *with* **Hughston, J.C.** Pigmented villonodular synovitis, **69A**, *942(*current concepts review*)
Flannagan, J.P. *with* **Levack, B.** *and* **Hobbs, S.** Results of surgical treatment of patellar fractures, **67B**, *416
Flatley, T.J. *with* **Anderson, M.H.** *and* **Anast, G.T.** Spinal instability due to malignant disease: treatment by segmental spinal stabilization, **66A**, *47
Flatow, E.L. *with* **Michelsen, C.B.** Diabetic amyotrophy: a case report, **67A**, *1132
Flawn, L.B. *with others*. The total condylar knee prosthesis in gonarthrosis: a five to nine-year follow-up of the first one hundred consecutive replacements, **65A**, *619
Fleetcroft, J.P. Fractures of the radial head: early aspiration and mobilisation, **66B**, 141
The locked knee, **67B**, 488(*discussion*)
Fleiss, D.J. Compartment syndrome of the arm — a complication of the pneumatic tourniquet: a case report, **66A**, 630(*correspondence*)
The effect of adjunctive methylmethacrylate on failures of fixation anf function in patients with intertrochanteric fractures and osteoporosis, **68A**, 1303(*correspondence*)
Fleming, A.F. *with* **Iwegbu, C.G.** Avascular necrosis of the femoral head in sickle-cell disease: a series from the Guinea Savannah of Nigeria, **67B**, *29
Fleming, L.L. *with* **Velazco, A.** *and* **Whitesides, T.E., Jr.** Open fractures of the tibia treated with the Lottes nail, **65A**, *879
Fleming, R.H. *with* **Hughes, S.P.F.** The effect of hyperbaric exposure on isolated lipocytes, **67B**, 160
with others. The mechanism of diffusion of antibiotics through acrylic bone cements, **69B**, 497
with others. The volume of distribution of albumin and methylene diphosphonate in normal and infected bone, **68B**, 841
Fletcher, M. *with others*. Does an associated injury affect the outcome of a fracture of the femoral shaft?: a statistical analysis, **66B**, 285
Flink, C. *with others*. The grid radiograph: a simple technique for consistent high-resolution visualization of the hip, **68A**, *1052
Floman, Y. *with others*. Spondylosis in the upper lumbar spine: a study of 32 patients, **69B**, *582
Flood, B.M. *with* **Deacon, P.** *and* **Dickson, R.A.** idiopathic scoliosis in three dimensions, **66B**, *509
Flores, L. *with others*. Virus-like filamentous intranuclear inclusions in a giant-cell tumor, not associated with Paget's disease of bone: a case report, **67A**, *333
Floyd, A. *with* **Percy-Lancaster, R.** The elephant woman: neurofibromatosis associated with pseudarthrosis of the humerus, **69B**, *121
with others. Recurrent dislocation of the patella: histochemical and electromyographic evidence of primary muscle pathology, **69B**, *790
Floyd, A.S. The cervical spine in rheumatoid arthritis, **67B**, 503
with **Mills, C.** A device to maintain pelvic orientation in the lateral position during hip replacement arthroplasty, **68B**, 503
Floyd, W.E., III *with* **Simmons, B.P.** *and* **Griffin, P.P.** Focal scleroderma affecting the hand: case report, **67A**, *637
with others. Localized osteolysis in stable, non-septic total hip replacement, **68A**, *912
Floyd, W.E., III. *with others*. Vascular events associated with the appearance of the secondary center of ossification in the murine distal femoral epiphysis, **69A**, *185
Foate, J.A. *with others*. Calf blood flow during total hip replacement surgery: preliminary observations, **65B**, 518
Fogarty, J. *with others*. A new surgical approach to fractures of the lateral tibial plateau, **66A**, *1236
Fogarty, M.J. *with* **Griffiths, J.D.** Late results of treatment of displaced central acetabular fractures, **69B**, 166
Fogel, G.R. *with* **Morrey, B.F.** Delayed treatment of ankle fractures by open reduction and internal fixation 2 to 4 weeks after injury, **68B**, 850
with others. Management of deformities of the forearm in multiple hereditary osteochondromas, **66A**, *670
Fogelman, I. *with others*. Vitamin D deficiency and osteomalacia in patients with femoral neck fracture, **65B**, 90
Fok, P.J. *with others*. Heparin and dihydroergotamine prophylaxis against thrombo-embolism after hip arthroplasty, **67B**, *538
FollerÅs, G. *with others*. Interlocking intramedullary nailing in femoral shaft fractures: a report of forty-eight cases, **67A**, *1313
Fon, G. *with others*. Infection in a hip prothesis model, **65B**, 100
Fondren, F.B. *with* **Goldner, J.L.** *and* **Bassett, F.H., III.** Recurrent dislocation of the patella treated by the modified Roux–Goldthwait procedure: a prospective study of forty-seven knees, **67A**, *993
Fong, R. *with others*. The result of a case control study of host defences in haematogenous osteomyelitis of childhood, **65B**, 520
Fong, R.K.M. Dorsal wedge osteotomy for the treatment of hallux rigidus, **67B**, 680
Fontanel, J.P. *with others*. Metastases of a lingual epidermoid carcinoma in a femur affected by Paget disease: report of a case, **69A**, *1440
Foo, C.K. *with others*. Attenuation of sound transmission in congenital dislocation of the hip, **69B**, 850
Foo, C.L. *with* **Swann, M.** Isolated paralysis of the serratus anterior: a report of 20 cases, **65B**, *552
Forbes, C.D. *with others*. Total knee arthroplasty in haemophilic arthritis, **65B**, *163
Ford, D.J. *with* **Ali, M.S.** Acute carpal tunnel syndrome: complications of delayed decompression, **68B**, *758
with **Gerber, S.** *and* **Green, C.J.** Epiphyseal growth after vascular free transfer using the juvenile rabbit knee as an experimental model: a comparison of growth in autografts and allografts using Cyclosporin A for immunosuppression, **69B**, 495
with others. Inflammatory lesions of the anterior annulus in low back pain syndrome, **67B**, 500
with others. The Herbert screw for fractures of the scaphoid: a review of results and technical difficulties, **69B**, *124
Forgarty, M.J.P. *with* **Griffiths, J.** Late results of treatment of displaced central acetabular fractures, **67B**,676
Fornasier, V.L. *with others*. A study of implant failure in the Wagner resurfacing arthroplasty, **67A**, *1165
with others. Virus-like filamentous intranuclear inclusions in a giant-cell tumor, not associated with Paget's disease of bone: a case report, **67A**, *333; **68A**, 952(*correspondence*)
Forsberg, L. *with* **Wingstrand, H.** *and* **Egund, N.** Sonography and joint pressure in synovitis of the adult hip, **69B**, *254

* Indicates full article or appreciable part

Forster, I.W. *with* **Shuttleworth, A.** Tissue reaction to intra-articular carbon-fibre implants in the knee, **66B**, 282
with **Tew, M.** *and* **Waugh, W.** Comparing the results of different types of knee replacement: a method proposed and applied, **67B**, *775
with **Tew, M.** Effect of knee replacement on flexion deformity, **69B**, *395
with **Warren-Smith, C.D.** Anterior cruciate ligament deficiency: results of quadriceps/patellar tendon reconstruction and early results of Goretex replacement, **69B**, 161
Foster, B.K. A prospective study of 100 consecutive scaphoid fractures, **65B**, 97(*discussion*)
Avascular necrosis of the scaphoid: partial replacement using a stabilised silicone implant, **66B**, 776(*discussion*)
Bone scanning of fresh femoral neck fractures, **65B**, 666(*discussion*)
The incorporation of gentamicin in bone cement: clinical studies on toxicity and therapeutic efficacy, **66B**, 784(*discussion*)
What is the Trendelenburg test?, **65B**, 666(*discussion*)
with **Bowen, J.R.** Results at maturity in Perthes' disease, **65B**, 101
with **Bunnell, W.P.** A study of the natural history of idiopathic scoliosis, **66B**, 789
with **Graves, S.E.** Absorbable suture lasso in the treatment of complete disruption of the acromioclavicular joint, **66B**, 789
with **Pool, R.D.** *and* **Paterson, Sir D.** Safe treatment in the early management of CDH with a modified Denis Browne hip splint, **68B**, *336, 156
with **Pool, R.D.** *and* **Paterson, Sir D.** Avascular necrosis in congenital hip dislocation, **68B**, *427
with **Rozenbilds, M.** *and* **Yates, R.** A pilot study of the growth potential of the physis in a sheep tibia model, **66B**, 778
with **Rozenbilds, M.A.N.** *and* **Yates, R.** Further results of distraction physeolysis in a sheep tibia model, **68B**, 333
with **Sandow, M.** *and* **Southwood, R.T.** Supracondylar fractures of the humerus in childhood: the Flinders Medical Centre Experience (1976-1980); **65B**, 674
with **Sundberg, S.** *and* **Savage, J.** Technetium phosphate bone scan in the diagnosis of septic arthritis in children, **69B**, 163
with others. Characterisation of physeal chondrocytes in vitro, **69B**, 166
with others. Late diagnosis of CDH: further risk factors, **69B**, 164
with others. Long-term results of early surgical release in club feet, **67B**, *791
with others. Skeletal age estimation and leg-length discrepancy, **69B**, 163
Foster, R.J. *with others.* Immediate internal fixation of open fractures of the diaphysis of the forearm, **68A**, *1008
with others. Internal fixation of fractures and non-unions of the humeral shaft: indications and results in a multi-center study, **67A**, *857, 1449(*correspondence*)
Foster, R.S. *with* **Kelly, I.G.** *and* **Fisher, W.D.** Neer total shoulder replacement in rheumatoid arthritis, **69B**, *723
Foster, W.C. *with* **Springfield, D.S.** *and* **Brown, K.L.B.** Pseudotumor of the arm associated with rupture of silicone-gel breast prostheses: report of two cases, **65A**, *548
Foucar, E. *with* **Buckwalter, J.** *and* **El-Khoury, G.Y.** Gout presenting as a femoral cyst: a case report, **66A**, *294
Foulston, J. The chiropody–orthopaedic interface, **68B**, 845
Fountain, E.J. *with* **Smith, M.A.** *and* **Savidge, G.F.** Interposition arthroplasty in the management of advanced haemophilic arthropathy of the elbow, **65B**, *436
Fountain, G.D. *with others.* Depressed fibrinolytic activity in patients with chronic back pain syndromes, **68B**, 840
Fowler, P.J. *with* **Messieh, S.S.** *and* **Munro, T.** Re-evaluation of the standing anteroposterior radiograph for gonarthrosis, **69B**, 504
with **Regan, W.D.** Management of the deltoid ligament disruption in fracture-dislocation of the ankle, **69B**, 504
with **Rorabeck, C.H.** *and* **Bourne, R.B.** The surgical treatment of exertional compartment syndrome in athletes, **65A**, *1245
with **Rorabeck, C.H.** *and* **Nott, L.** The results of fasciotomy in the management of chronic exertional compartment syndrome, **69B**, 502
with **Webster, M.S.** Shoulder pain in highly competitive swimmers, **66B**, 304
with others. Meniscal suturing by open and arthroscopic techniques—preliminary report, **67B**, 336
Fowles, J.V. *with* **Kassab, M.T.** *and* **Douik, M.** Untreated posterior dislocation of the elbow in children, **66A**, *921
with **Kassab, M.T.** *and* **Moula, T.** Untreated intra-articular entrapment of the medial humeral epicondyle, **66B**, *562
with **Sliman, N.** *and* **Kassab, M.T.** The Monteggia lesion in children: fracture of the ulna and dislocation of the radial head, **65A**, *1276
with others. Burkitt's lymphoma in the appendicular skeleton, **65B**, *464
Fox, J.M. *with others.* Arthroscopy — "no-problem surgery": an analysis of complications in two thousand six hundred and forty cases, **68A**, * 256
Fox, R.H. *with others.* The venous foot pump, **68B**, 667
Fox, W. *with others.* Bone and joint tuberculosis, **66B**, *326
Fraher, L.J. *with others.* Antibodies against vitamin D derivatives: development of a solid-phase radio-immunoassay for 1,25-dihydroxycholecalciferol, **65B**, 91
Franchi, A.V. *with* **Segal, D.** *and* **Campanile, J.** Iliac autograft for reconstruction of severely depressed fracture of a lateral tibial plateau, **67A**, *1270(*brief note*)
Francis, A.M. *with* **Rao, J.P.** *and* **Siwek, C.W.** The treatment of chronic slipped capital femoral epiphysis by biplane osteotomy, **66A**, *1169
Francis, M.J.O. *with* **McEwan, S.J.** *and* **Lenthall, G.E.** Prostaglandin E release from bone and muscle tissue after tibial fracture in the adult rat, **67B**, 317
Francis, R.M. *with others.* Osteoporosis in the male, **65B**, 90
Francis, W.R., Jr. *with* **Fielding, J.W.** *and* **Pippen, J.** Traumatic spondylolisthesis of the axis, **66B**, 780
Frank, C. *with* **Jackson, R.W.** A long-term evaluation of lateral substitution for isolated chronic anterior cruciate ligament deficiency, **68B**, 848
with others. Retrosternal dislocation of the clavicle: report of four cases, **66A**, *287
Frank, P. A comparative study of cemented and uncemented Thompson prostheses, **65B**, 219(*discussion*)
Franke, J. *with* **Grill, F.** The Ilizarov distractor for the correction of relapsed or neglected clubfoot, **69B**, *593
Frankel, V.H. *with others.* Stress fractures and tibial bone width: a risk factor, **69B**, *326
with others. Threaded non-cemented acetabular components in difficult hip arthroplasties, **69B**, 508
Franken, T.H. Injury to the musculocutaneous nerve as a complication of operations for recurrent dislocation of the shoulder, **66B**, 449
Franklin, J.L. *with* **Johnson, K.D.** *and* **Hansen, S.T., Jr.** Immediate internal fixation of open ankle fractures: report of thirty-eight cases treated with a standard protocol, **66A**, *1349
with others. Total shoulder arthroplasty, **69A**, *865
Franks, C.I. *with others.* Plantar pressure measurements and the prevention of ulceration in the diabetic foot, **67B**, *79
Fraser, B. *with others.* The effects of surgical procedures on the blood supply to the femoral head, **65A**, *1127
Fraser, M. *with* **Lloyd-Roberts, G.C.** *and* **Wetherill, M.H.** Trochanteric advancement for premature arrest of the femoral capital growth plate, **67B**, *21
with others. Unstable fractures of the thoracolumbar spine: a ten year experience at Sacre-Coeur Hospital, **66B**, 294
Fraser, R.D. Chymopapain for the treatment of intervertebral disc herniation: the final report of a double-blind study, **68B**, 335
Chymopapain for the treatment of intervertebral disc prolapse: a preliminary report of a double-blind study, **65B**, 668
Scheuermann's disease and lumbar disc disorder, **65B**, 670(*discussion*)
with **Osti, O.** *and* **Cornish, B.L.** Fractures and fracture-dislocations in the lumbar spine: a long-term follow-up, **68B**, 334
with **Osti, O.** *and* **Vernon-Roberts, B.** An experimental study on discitis following discography, **68B**, 335
with **Osti, O.L.** *and* **Vernon-Roberts, B.** Discitis after discography, **69B**, *26
with others. Reduction and stabilisation of cervical dislocations: a comparison of postural nursing with coronal dowel fusion, **69B**, 164
Frassica, F.J. *with others.* Dedifferentiated chondrosarcoma: a report of the clinicopathological features and treatment of seventy-eight cases, **68A**, *1197
with others. Knee dislocations: current concepts in treatment, **68B**, 854
with others. Secondary malignant giant-cell tumor of bone: clinicopathological assessment of nineteen patients, **68A**, *1073
Fredericks, G.R. *with* **Tomford, W.W.** *and* **Mankin, H.J.** Studies on cryopreservation of articular cartilage chondrocytes, **66A**, *253
Fredrickson, B.E. The natural history of spondylolysis and spondlolisthesis, **67A**, 823(*correspondence*)
with others. The natural history of spondylolysis and spondylolisthesis, **66A**, *699
with others. The value of computed tomography in thoracolumbar fractures: an analysis of one hundred consecutive cases and a new classification, **65A**, *461
Fredin, H. *with others.* Recurrences after initial dislocation of the shoulder: results of a prospective study of treatment, **65A**, *343
Freedberg, H.I. *with others.* The effect of adjunctive methylmethacrylate on failures of fixation and function in patients with intertrochanteric fractures and osteoporosis, **67A**, *1094
Freedman, L. *with* **Houghton, G.R.** Which upper Harrington distraction hook is best?, **68B**, 680
Freedman, L.S. *with* **Jenkins, N.H.** *and* **McKibbin, B.** Spontaneous regression of a desmoid tumour, **68B**, *780
with others. One-stage combined anterior and posterior excision of hemivertebrae in the lower lumbar spine, **69B**, 854
Freehafer, A. *with* **Bohlman, H.H.** *and* **Dejak, J.** The results of treatment of acute injuries of the upper thoracic spine with paralysis, **67A**, *360
Freehafer, A.A. *Book reviews*, **67A**, 1150
with **Sobel, J.W.** *and* **Bohlman, H.H.** Charcot's arthropathy of the spine following spinal cord injury: a report of five cases, **67A**, *771
with others. Pyogenic and fungal vertebral osteomyelitis with paralysis, **65A**, *19
Freeman, B.H. *with* **Bray, E.W., III** *and* **Meyer, L.C.** Multiple osteotomies with Zickel nail fixation for polyostotic fibrous dysplasia involving the proximal part of the femur, **69A**, *691

* Indicates full article or appreciable part

Freeman, C., Jr. A new method of treatment for the cock-up toe, **68B**, 845
Morton's metatarsalgia, **67B**, 670
Techniques of bunionectomy, **66B**, 772
with **Zuckier, L.S.** *Book reviews*, **67A**, 509
Freeman, L.M. *with* **Zuckier, L.S.** *Book reviews*, **69A**, 637
Freeman, M.A.R. *Book reviews*, **68B**, 166, 515
Patellofemoral malfunction following Attenborough total knee replacement, **66B**, 147(*discussion*)
The Bath and Wessex ankle arthroplasty, **69B**, 153(*discussion*)
Why resect the neck?, **68B**, *346(*topic for debate*)
with **Bolton-Maggs, B.G.** *and* **Sudlow, R.A.** Total ankle arthroplasty: a long-term review of The London Hospital experience, **67B**, *785
with **Bradley, G.W.** ICLH surface replacement of the hip: an analysis of the first 10 years, **65B**, *405
with **Levai, J-P.** *and* **McLeod, H.C.** Why not resurface the patella?, **65B**, *448
with others. Cementless fixation of the acetabular component of the hip, **66B**, 147
with others. Stemmed revision arthroplasty for aseptic loosening of total knee replacement, **67B**, *242
with others. The composition of normal and osteoarthritic articular cartilage from human knee joints: with special reference to unicompartmental replacement and osteotomy of the knee, **66A**, *95
with others. The management of infected total knee replacements, **67B**, *764
with others. The mechanical properties of cement and loosening of the femoral component of hip replacements, **69B**, *558
with others. The treatment of infected total knee replacements, **67B**, 144
Freeman, P.A. *with* **Roberts, J.A.** *and* **Finlayson, D.F.** The long-term results of the Howse total hip arthroplasty: with particular reference to those requiring revision, **69B**, *545
with others. Surgical stabilisation of the rheumatoid cervical spine: a review of indications and results, **69B**, *8
with others. Total knee arthroplasty in haemophilic arthritis, **65B**, *163
Freeman, P.R. *with others*. Surgical stabilisation of the rheumatoid cervical spine: indications and results, **68B**, 848
Freibergel, R.H. William D. Arnold, **67A**, 1145(*obituary*)
French, H.G. *with others*. Chronic atlanto-axial instability in Down syndrome, **67A**, *1356
French, P.R. *Book reviews*, **67B**, 169
Bryan Hartop Burns, **67B**, 665(*obituary*)
French, T.A. *with others*. A preliminary report on the use of carbon composite plates in forearm fractures, **68B**, 161
Frenyo, A.D. *with* **Evans, G.A.** *and* **Hardcastle, P.** Acute rupture of the lateral ligament of the ankle: to suture or not to suture?, **67B**, 145
with **Evans, G.A.** *and* **Hardcastle, P.** Acute rupture of the lateral ligament of the ankle, **66B**, *209
Fried, J.A. *with others*. Anterior cruciate reconstruction using the Jones-Ellison procedure, **67A**, *1029
Fried, S.H. *with others*. Fracture of the pedicle of the fourth lumbar vertebra associated with contralateral spondylolysis: report of a case, **68A**, *1454
Friedlaender, G.E. Bone grafts: the basic science rationale for clinical applications, **69A**, *786(*current concepts review*)
with others. Effects of chemotherapeutic agents on bone: I. short-term methotrexate and doxorubicin (Adriamycin) treatment in a rat model, **66A**, *602
with **Strong, D.M.** *and* **Sell, K.W.** Studies on the antigenicity of bone: II. donor-specific anti-HLA antibodies in human recipients of freeze-dried allografts, **66A**, *107
Friedman, L. *with* **Dubowitz, B.** *and* **Papert, B.** The oblique cranial tilt view for spondylolysis, **69B**, *421(*brief report*)
Friedman, M.J. *with others*. Arthroscopy — "no-problem surgery": an analysis of complications in two thousand six hundred and forty cases, **68A**, * 256
Friedman, R.J. *with* **Ewald, F.C.** Arthroplasty of the ipsilateral shoulder and elbow in patients who have rheumatoid arthritis, **69A**, *661
with **Gumley, G.J.** Crepitation simulating gas gangrene: a case report, **67A**, *646, 1449(*correspondence*)
with **Smith, R.J.** Radial-nerve laceration twenty-six years after screw fixation of a humeral fracture: a case report, **66A**, *959
Frogameni, A.D. *with others*. Anatomical variations in the first extensor compartment of the kwrist: a clinical and anatomical study, **68A**, *923
Froimson, A.I. *with* **Cohn, B.T.** *and* **Brahms, M.A.** Metastasis of adamantinoma sixteen years after knee disarticulation: report of a case, **68A**, *772
with **Shall, J.** *and* **Cohn, B.T.** Acute compartment syndrome of the forearm in association with fracture of the distal end of the radius: report of two cases, **68A**, *1451
Froncioni, J. *with* **Lenczner, E.** Injuries to the distal biceps tendon, **67B**, 329
Frootko, N.J. *with* **Triffitt, J.T.** Demineralised incus grafts in the rat middle ear, **65B**, 89
Frost, R.B. *with* **Middleton, R.W.D.** Percutaneous intramedullary rod interchange in osteogenesis imperfecta, **69B**, *429
Frykman, G.K. *with* **Mudge, M.K.** *and* **Wood, V.E.** Rotator cuff tears associated with os acromiale, **66A**, *427
Frymoyer, J.W. *Book reviews*, **66A**, 318
with **Donaghy, R.M.P.** The ruptured intervertebral disc: follow-up report on the first case fifty years after recognition of the syndrome and its surgical significance, **67A**, *1113
with **Mooney, V.** Occupational orthopaedics, **68A**, *469(*current concepts review*)
with others. Risk factors in low-back pain: an epidemiological survey, **65A**, *213
with others. Spine radiographs in patients with low-back pain: an epidemiological study in men, **66A**, *1048
Fuji, T. *with others*. Cervical diastematomyelia with a stable neurological deficit: report of a case, **68A**, *934
with others. Cervical radiculopathy or myelopathy secondary to athetoid cerebral palsy, **69A**, *815 *with others*. Myelopathy hand: new clinical signs of cervical cord damage, **69B**, *215, 511(*corrigendum*)
Fujikawa, K. *with* **Seedhom, B.B.** *and* **Atkinson, P.J.** On fixation of Terylene ligaments to bone with special reference to the cruciates, **65B**, 660
with **Seedhom, B.B.** *and* **Atkinson, P.J.** The Leeds–Keio artificial cruciate ligament: results of both animal and human clinical trials, **68B**, 66
Fujiwara, K. *with others*. Cervical radiculopathy or myelopathy secondary to athetoid cerebral palsy, **69A**, *815 *with others*. Myelopathy hand: new clinical signs of cervical cord damage, **69B**, *215, 511(*corrigendum*)
Fukuda, H. *with* **Neer, C.S., II** *and* **Craig, E.V.** Cuff-tear arthropathy, **65A**, *1232
with others. Transfer of latissimus dorsi to replace a paralysed anterior deltoid: a new technique using an inverted pedicled graft, **69B**, *647
Fukuda, K. *with others*. Biomechanical study of the ligamentous system of the acromioclavicular joint, **68A**, *434
Fukushima, M. *with* **Tanabu, S.** *and* **Yamauchi, Y.** Hypoplasia of the trochlea of the humerus as a cause of ulnar-nerve palsy: report of two cases, **67A**, *151
Fulford, G.E. *with* **Howie, C.R.** *and* **Stewart, K.** Subtalar arthrodesis by cancellous grafts and metallic internal fixation: a modification of technique and long-term review, **69B**, 492
with **Lunn, P.G.** *and* **Macnicol, M.F.** A prospective study of conservative versus operative management of Perthes' disease, **67B**, 147
with **Macnicol, M.F.** Abductor contracture of the infantile hip, **67B**, 149
Fulford, P.C. *Book reviews*, **65B**, 528; **67B**, 343, 512; **68B**, 860
The medial shelf: an anatomical, clinical and pathological study, **66B**, 280(*discussion*)
with **Paterson, J.M.H.** *and* **Denham, R.A.** Femoral component loosening in total hip replacement, **69B**, 155
with **Paterson, M.** *and* **Denham, R.** Loosening of the femoral component after total hip replacement: the thin black line and the sinking hip, **68B**, *392
with **Thacker, C.** Assessment of the Denham knee replacement: results after eight years, **68B**, *600
Fulkerson, J.P. *with others*. Anatomy of the junction of the vastus lateralis tendon and the patella, **69A**, *545
Fulkerson, L. *with* **Bray, T.J.** *and* **Esser, M.** Osteotomy of the trochanter in open reduction and internal fixation of acetabular fractures, **69A**, *711
Fuller, D.J. The Oxford clubfoot programme, **66B**, 142
with **Sherman, K.P.** Medial meniscectomy using the extended horizontal approach, **67B**, 152
Funk, D.A. *with* **Cass, J.R.** *and* **Johnson, K.A.** Acquired adult flat foot secondary to posterior tibial-tendon pathology, **68A**, *95
Funk, F.J. *Book reviews*, **66A**, 974
Fusco, U. *with others*. Osteonecrosis of the hip treated by intertrochanteric osteotomy: a 4-to 15-year follow-up, **69B**, 502
Fyfe, I.S. *with* **Henry, A.P.J.** *and* **Mulholland, R.C.** Closed vertebral biopsy, **65B**, *140
with **Mossad, M.M.** *and* **Holdsworth, B.J.** Methods of fixation of olecranon fractures: an experimental mechanical study, **67B**, *367

G

Gächter, A. *with others*. Cyclosporin A and osteonecrosis of the femoral head, **69A**, *1226
Gaffney, C. *with* **Herring, J.A.** *and* **Barnhill, B.** Syme amputation: an evaluation of the physical and psychological function in young patients, **68A**, *573
Gage, J.R. *with* **Winters, T.F., Jr.** *and* **Hicks, R.** Gait patterns in spastic hemiplegia in children and young adults, **69A**, *437, 1304(*correspondence*)
Gagey, O. *with others*. Axon regeneration and vascularisation of nerve grafts: an experimental study, **67B**,160
Gagnon, S.J. *with* **Jodoin, A.** *and* **Martin, R.** Pulmonary function test study before and after spinal fusion in young idiopathic scoliosis, **68B**, 855
Gahm, N.H. *with others*. Intraspinal rhizotomy and distal cordectomy in patients with myelomeningocele, **68A**, *88
Gail, M. *with others*. Quantitative criteria for prediction of the results after displaced fracture of the ankle, **65A**, *667
Gaines, E. *with* **Johnson, R.** *and* **Manning, M.P.** The efficacy of sterilising Esmarch bandages, **69B**, *671(*brief report*)

Gaines, R.W., Jr. *with* **Olson, S.A.** Removal of sublaminar wires after spinal fusion, **69A**, *1419
Gainor, B.J. Closed avulsion of the flexor digitorum superficialis origin causing compartment syndrome: a case report, **66A**, *467
with **Jeffries, J.T.** Pronator syndrome associated with a persistent median artery: a case report, **69A**, *303
with others. Injury to the popliteal artery as a complication of arthroscopic surgery: a report of two cases, **69A**, *783
with others. Operative treatment of intra-articular fractures of the dorsal aspect of the distal phalanx of digits, **69A**, *892
Gaither, D. *with others.* A prospective evaluation of 100 severe open tibial fractures, **67B**, 325
with others. Long-term results of distal femoral fractures, **68B**, 848
Gajraj, H.A.R. Slipped capital femoral epiphyses in identical twins, **68B**, *653(*brief report*)
Galante, J. The need for a standardized system for evaluating results of total hip surgery, **67A**, *511(*editorial*)
Galante, J.O. *with* **Andriacchi, T.P.** The effect of conformity, thickness, and material on stresses in ultra-high molecular weight components for total joint replacement, **69A**, 471(*correspondence*) *with others.* An anthropometric basis for design in total knee arthroplasty, **69B**, 505
with **Prodromos, C.C.** *and* **Andriacchi, T.P.** A relationship between gait and clinical changes following high tibial osteotomy, **67A**, *1188
with others. A comparative study of porous coatings in a weight-bearing total hip-arthroplasty model, **68A**, *1396
Galasko, C.S.B. *Book reviews*, **65B**, 682; **66B**, 312, 416; **69B**, 859
A comparative study of cemented and uncemented Thompson prostheses, **65B**, 218(*discussion*)
Early scintigraphy of tibial-shaft fractures: prognostic value?, **65B**, 223(*discussion*)
with **Arafa, M.** Leg lengthening using the Wagner frame, **68B**, 668
with **Banks, A.J.** *and* **Dervin, E.** Spinal stabilisation in secondary malignancy, **65B**, 224
with **Fahmy, N.R.M.** *and* **Rushton, S.** Prostaglandins, meniscal lesions, meniscectomy and osteoarthritis: an experimental study, **67B**, 159
with **Read, L.** Delay in diagnosing Duchenne muscular dystrophy in orthopaedic clinics, **68B**, *481
with **Read, L.** Screening for CDH and the clicking hip, **69B**, 490
with others. Osteolysis caused by mammary carcinoma: the response to diphosphonates and prostaglandin inhibitors, **65B**, 222
with others. Scoliosis and other orthopaedic problems in Duchenne muscular dystrophy: a review of 82 cases, **65B**, 221
with others. The management of equinus deformity in Duchenne muscular dystrophy, **66B**, *546
Galbraith, R.T. *with others.* Results of treatment of severe carpal-tunnel syndrome without internal neurolysis of the median nerve, **69A**, *896
Galey, J.P. A 10-year retrospection of the treatment of unicameral bone cysts, **68B**, 675
with **D'Astous, J.L.** *and* **Finnegan, M.** A "scientific" approach to unicameral bone cysts, **69B**, 505
with **Wiley, J.J.** Monteggia injuries in children, **67B**, *728
with **Wiley, J.J.** The lateral Monteggia lesion, **67B**, 334
Galinat, B.J. *with* **Howell, S.M.** Excessive retroversion of the glenoid cavity: a cause of non-traumatic posterior instability of the shoulder, **69A**, 632(*correspondence*)
Gallagher, J.A. *with* **Lawson, D.E.M.** 25-OHD_3 and $24,25(OH)_2D_3$ are not accumulated in rachitic rat bone during the initial phase of healing, **65B**, 92
with others. Effects of vitamin D metabolites on human osteoblast-like cells *in vitro*, **66B**, 288
with others. Osteocalcin as a marker of bone metabolism, **67B**, 159
Gallagher, J.M. *with* **Weiner, D.S.** *and* **Cook, A.J.** When is arthrography indicated in Legg-Calvé-Perthes disease?, **65A**, *900
Gallannaugh, S.C. *Book reviews*, **67B**, 514
Dislocation following Thompson arthroplasty performed through the McFarland–Osborne approach to the hip, **67B**, 153(*discussion*)
Lateral subluxation of the patella in extension, **67B**, 848(*discussion*)
Gallannaugh, S.C. Total knee revision in the presence of extensive bone loss, **69B**, 850
with **Shah, V.M.** *and* **Hinves, B.L.** Patellofemoral malfunction following Attenborough total knee replacement, **66B**, 147
Galle, J. *with* **Mohr, W.** Arthritis presumably caused by chlamydia in Reiter syndrome: case report with electron microscopic studies, **68A**, 1466(*correspondence*)
Galle, P. *with* **Strickner, M.** *and* **Schmidt, L.** Closed intramedullary nailing of femoral shaft fractures: indication, technique, results and complications, **68B**, 505
Gallien, R. *with* **Lahye, B.** Septic arthritis in children, **66B**, 303
Gallo, G. *with others.* Endometriosis in the biceps femoris: a case report and review of the literature, **69A**, *290
Galpin, R.D. *with* **Veith, R.G.** *and* **Hansen, S.T.** Treatment of failures after plating of tibial fractures, **68A**, *1231
Galway, H.R. *with* **Allum, R.L.** *and* **Hynes, D.M.** Video-fluoroscopy in orthopaedic surgery, **65B**, 365
with **Hubbard, S.** *and* **Milner, M.** Myoelectric training methods for the preschool child with congenital below-elbow amputation: a comparison of two training programs, **67B**, *273
with **Scotland, T.R.** A long-term review of children with congenital and acquired upper limb deficiency, **65B**, *346; **66B**, 146, 301
with others. An electrogoniometric examination of the pivot shift sign, **65B**, 659
with others. Management of the upper limb deficient child with a powered prosthetic device, **67B**, 333
Gamber, H.H. Conservative or surgical treatment of acromioclavicular dislocation: a prospective, controlled, randomized study, **68A**, 1128(*correspondence*)
Gammer, W. *with others.* Anaphylatoxin release in association with methylmethacrylate fixation of hip prostheses, **69A**, *46
Ganel, A. *with others.* Bicompartmental osteotomy of the knee, **67B**, 331
Ganz, R. *with* **Gerber, C.** *and* **Terrier, F.** The role of the coracoid process in the chronic impingement syndrome, **67B**, *703
with **Gerber, C.** Clinical assessment of instability of the shoulder, **66B**, *551
Garcia, J.E. *with others.* Diagnosis of infection by preoperative scintigraphy with indium-labeled white blood cells, **69A**, *1353
Garcia, M. *with others.* Adduction contracture of the thumb in cerebral palsy: a preoperative electromyographic study, **65A**, *755
Garcia, S. *with others.* Perioperative cefamandole prophylaxis against infections, **69A**, *1189
Garcia-Elias, M. *with others.* Crush injury of the carpus, **67B**, *286
with **Salo, J.M.** Non-union of a fractured coracoid process after dislocation of the shoulder: a case report, **67B**, *722
Garcia-Morteo, O. *with* **Maldonado-Cocco, J.A.** *and* **Babini, J.C.** Ectopic ossification following total hip replacement in juvenile chronic arthritis, **65A**, *812
Gardiner, D. *with* **Hart, J.A.L.** Disc bone grafting in protrusio acetabuli, **66B**, 787
Gardner, A. Short-course chemotherapy in the treatment of spinal tuberculosis: a report from the Medical Research Council's working party, **68B**, 158(*discussion*), 512(*corrigendum*)
Gardner, A.D.H. *Book reviews*, **67B**, 852
Scoliosis: international programmes, **67B**, 486
with **MacPherson, I.** *and* **Turnbull, T.J.** A study of the natural history of idiopathic scoliotic patients awaiting surgery, **68B**, 682
Gardner, A.M.N. *with others.* The venous foot pump, **68B**, 667
Gardner, G.M. *with others.* Functional performance after tibial rotationplasty, **67A**, *392
with others. Shoulder-muscle strength and range of motion following surgical repair of full-thickness rotator-cuff tears, **68A**, * 266
Garfin, S.R. *with* **Atkinson, J.H., Jr.** *and* **Kremer, E.F.** Psychopharmacological agents in the treatment of pain, **67A**, *337(*current concepts review*)
with **Botte, M.J.** *and* **Byrne, T.P.** Application of the halo device for immobilization of the cervical spine utilizing an increased torque pressure, **69A**, *750
with **Botte, M.J.** *and* **Nickel, V.L.** Complications in the use of the halo fixation device, **69A**, 954(*correspondence*)
with others. Complications in the use of the halo fixation device, **68A**, *320
with others. Intraspinal synovial cyst causing sciatica, **67A**, *865
with others. Lower-extremity sensibility testing in patients with herniated lumbar intervertebral discs, **67A**, *1219
with others. Recurrent posterior dislocation of the shoulder: treatment using a bone block, **67A**, *777
with others. The use of computerised tomography in evaluating non-visualised vertebral levels caudad to a complete block on a lumbar myelogram: a review of thirty-two cases, **69A**, *218
Garfinkel, A.I. *with* **Tarr, R.R.** *and* **Sarmiento, A.** The effects of angular and rotational deformities of both bones of the forearm: an *in vitro* study, **66A**, *65
Garland, D.E. *with others.* Resection of heterotopic ossification in the adult with head trauma, **67A**, *1261
with others. Results of transfer of the flexor digitorum superficialis tendons to the flexor digitorum profundus tendons in adults with acquired spasticity of the hand, **69A**, *1127
Garneau, J. *with* **Page, J.M.** New concept in total arthroplasty of the trapezium, **66B**, 297
Garrel, J.B. *with others.* Dermatitis due to orthopaedic implants: a review of the literature and report of three cases, **69A**, *1408
Garrick, J.G. *with others.* Non-operative treatment of the torn anterior cruciate ligament, **65A**, *184
Garth, W.P., Jr. *with* **Maddox, P.A.** Tendinitis of the patellar ligament and quadriceps (jumper's knee) as an initial presentation of hyperparathyroidism: a case report, **68A**, * 288
with **Slappey, C.E.** *and* **Ochs, C.W.** Roentgenographic demonstration of instability of the shoulder: the apical oblique projection: a technical note, **66A**, *1450
Gartke, K.A. *with* **Portner, O.T.** The semitendinosus dynamic transfer for anterior cruciate insufficiency, **66B**, 305

* Indicates full article or appreciable part

Gartland, J.J. Authors, readers, and conflicts of interest, **66A**, 1327(*editorial*)
Changing the pilot, **67A**, 831(*editorial*)
The conflict-of-interest policy for *The Journal of Bone and Joint Surgery*, **67A**, 671(*editorial*)
Gartsman, G.M. *with* **Brodsky, J.W.** *and* **Tullos, H.S.** Simplified posterior approach to the shoulder joint: a technical note, **69A**, *773
Garvie, R.C. *with others.* The biocompatibility testing of the ceramic Mg-PSZ implanted into the paraspinalis muscles of rabbits, **65B**, 100
Garvin, K.L. *with* **Collins, D.N.** *and* **Nelson, C.L.** The use of the vastus lateralis flap in patients with intractable infection after resection arthroplasty following the use of a hip implant, **69A**, *510
Gasco, J. *with* **Del Pino, J.M.** *and* **Gomar-Sancho, F.** Double patella: a case of duplication in the coronal plane, **69B**, *602
Gatell, J.M. *with others.* Perioperative cefamandole prophylaxis against infections, **69A**, *1189
with others. Prophylactic cefamandole in orthopaedic surgery, **66A**, *1219; **67A**, 665(*correspondence*); **68A**, 313(*correspondence*)
Gates, D.J. *with* **Alms, M.** *and* **Cruz, M.M.** Hinged cast and roller traction for fractured femur: a system of treatment for the Third World, **67B**, *750
Gates, E.I. *with* **Burke, D.W.** *and* **Harris, W.H.** Centrifugation as a method of improving tensile and fatigue properties of acrylic bone cement, **66A**, *1265
Gatti, J-M. *with others.* Leiomyomatosis metastasizing to the spine: a case report, **65A**, *1163; **66A**, 630(*correspondence*)
Gautam, V.K. *with* **Nagi, O.N.** *and* **Marya, S.K.S.** Treatment of femoral neck fractures with a cancellous screw and fibular graft, **68B**, *387
Gazielly, D.F. *with others.* Cementless salvage of failed total hip arthroplasty: four years' experience with the ceramic coated Bousquet prosthesis, **69B**, 509
Gazielly, D. *with others.* Restoration of bone stock in the multiply revised implant, **69B**, 508
with others. The intramedullary screwed hip prosthesis: the reimplantation of loose or infected prostheses, **66B**, 300
Gearen, P.F. *with* **Enneking, W.F.** Fibrous dysplasia of the femoral neck: treatment by cortical bone-grafting, **68A**, *1415
Geary, N. Late surgical decompression for compartment syndrome of the forearm, **66B**, *745
Geary, N.J. The biomechanics of rockers, **68B**, 844
Geary, N.P.J. *with* **Klenerman, L.** The technique and practice of the use of total contact plaster casts for neuropathic ulceration, **69B**, 159
Gebhardt, M.C. *with others.* Desmoplastic fibroma of bone: a report of eight cases and review of the literature, **67A**, *732
with others. The treatment of adamantinoma of the tibia by wide resection and allograft bone transplantation, **69A**, *1177
Geens, S. *with* **Brabants, K.** *and* **van Damme, B.** Subperiosteal juxta-articular osteoid osteoma, **68B**, *320
Geeranavar, S. Is carpal tunnel release always successful?, **65B**, 223(*discussion*)
Gelberman, R.H. The association of femoral retroversion with slipped capital femoral epiphysis, **69A**, 631(*correspondence*), 632(*correspondence*) *with others.* Femoral anteversion: a clinical assessment of idiopathic intoeing gait in children, **69B**, *75
with **Rhoades, C.E.** *and* **Mowery, C.A.** Results of internal neurolysis of the median nerve for severe carpal-tunnel syndrome, **67A**, *253
with others. Carpal tunnel syndrome: an evaluation of the provocative diagnostic tests, **68A**, *735
with others. Flexor tendon healing and restoration of the gliding surface: an ultrastructural study in dogs, **65A**, *70
with others. Intrinsic flexor-tendon repair: morphological study *in vitro*, **66A**, *385
with others. Lower-extremity sensibility testing in patients with herniated lumbar intervertebral discs, **67A**, *1219
with others. Results of treatment of severe carpal-tunnel syndrome without internal neurolysis of the median nerve, **69A**, *896
with others. Sensibility testing in peripheral-nerve compression syndromes: an experimental study in humans, **65A**, *632
with others. The association of femoral retroversion with slipped capital femoral epiphysis, **68A**, *1000
with others. The natural history of scaphoid non-union, **66A**, *504
with **Szabo, R.M.** *and* **Dimick, M.P.** Sensibility testing in patients with carpal tunnel syndrome, **66A**, *60
Gellman, H. Carpal tunnel syndrome: an evaluation of the provocative diagnostic tests, **69A**, 792(*correspondence*)
with others. Carpal tunnel syndrome: an evaluation of the provocative diagnostic tests, **68A**, *735
Gennari, L. *with* **Azzarelli, A.** *and* **Quagliuolo, V.** A posterior approach for the excision of sacral chordoma, **69B**, *565
Gentz, C.-F. *with others.* Surgical versus non-surgical treatment of ligamentous injuries following dislocation of the elbow joint: a prospective randomized study, **69A**, *605
Gentz, C.F. *with* **Josefsson, P.O.** *and* **Johnell, O.** Long-term sequelae of simple dislocation of the elbow, **66A**, *927
Genuario, S.E. *with others.* Neuropraxia of the cervical spinal cord with transient quadriplegia, **68A**, *1354
George, J.A. *with* **Wahl, F.J.** Patellofemoral joint after high tibial osteotomy, **68B**, 504
Georgis, T. *with others.* Infected total knee arthroplasty: the UCSF experience, **69B**, 505
Georgopoulos, G. *with* **Pizzutillo, P.D.** *and* **Lee, M.S.** Occipito-Atlantal instability in children: a report of five cases and review of the literature, **69A**, *429
Gepstein, R. *with* **Weiss, R.E.** *and* **Hallel, T.** Acetabular dysplasia and hip dislocation after selective premature fusion of the triradiate cartilage, **66B**, *334
with **Weiss, R.E.** *and* **Hallel, T.** Bridging large defects in bone by demineralized bone matrix in the form of a powder: a radiographic, histological and radioisotope-uptake study in rats, **69A**, *984
Gerard, Y, with *Schernburg, F. and* Nerot, C. Anatomical pathological and therapeutic investigation of fractures of the radial head in adults, **66B**, 141
Gerber, C. *with* **Ganz, R.** Clinical assessment of instability of the shoulder, **66B**, *551
with **Matter, P.** Biomechanical analysis of the knee after rupture of the anterior cruciate ligament and its primary repair: an instant-centre analysis of function, **65B**, 391
with **Rockwood, C.A., Jr.** Subcoracoid dislocation of the lateral end of the clavicle: a report of three cases, **69A**, *924 *with others.* Leg-length inequality following total hip replacement: a simple method to prevent it, **69B**, 489
with **Terrier, F.** *and* **Ganz, R.** The role of the coracoid process in the chronic impingement syndrome, **67B**, *703
with others. The lower-extremity musculature in chronic symptomatic instability of the anterior cruciate ligament, **67A**, *1034
Gerber, S. *with* **Ford, D.J.** *and* **Green, C.J.** Epiphyseal growth after vascular free transfer using the juvenile rabbit knee as an experimental model: a comparison of growth in autografts and allografts using Cyclosporin A for immunosuppression, **69B**, 495
Gerber, S.D. *with* **Harris, W.H.** Femoral head autografting to augment acetabular deficiency in patients requiring total hip replacement: a minimum five-year and an average seven-year follow-up study, **68A**, *1241
Gerbershagen, H.U. *with others.* Direct nerve stimulation for painful peripheral neuropathies, **67B**, *470
Gerdes, M.H. *with* **Morrissy, R.T.** *and* **Steele, R.W.** Localised immune complexes and slipped upper femoral epiphysis, **65B**, *574
Gericke, G. *with others.* Spondylo-epi-metaphysial dysplasia with joint laxity and severe progressive kyphoscoliosis, **66B**, 454
Gerosthathopoulos, N. *with others.* Conservative treatment of congenital dislocation of the hip in infants aged two to eight months, **67B**, 491
Gershuni, D.H. A comparison of conventional radiography and computed tomography in the evaluation of spiral fractures of the tibia, **68A**, 791(*correspondence*)
with others. A comparison of conventional radiography and computed tomography in the evaluation of spiral fractures of the tibia, **67A**, *1388
with others. Ankle and knee position as a factor modifying intracompartmental pressure in the human leg, **66A**, *1415; **67A**, 824(*correspondence*)
with others. Hyperbaric oxygen reduces edema and necrosis of skeletal muscle in compartment syndromes associated with hemorrhagic hypotension, **68A**, *1218
with others. Reduction of skeletal muscle necrosis using intermittent hyperbaric oxygen in a model compartment syndrome, **65A**, *656
Gertzbein, S.D. *with* **Stoll, J.** *and* **Jacobs, R.** Results of a locking hook spinal rod system for fractures of the thoracic and lumbar spine, **68B**, 853
with others. The neurological outcome following surgery for spinal fractures, **69B**, 511
Gessini, L. The anterior tarsal syndrome: report of four cases, **67A**, 170(*correspondence*)
with **Jandolo, B.** *and* **Pietrangeli, A.** The anterior tarsal syndrome: report of four cases, **66A**, *786
Getty, C.J.M. Electrical studies in the problem back: a blind trial, **66B**, 281(*discussion*)
with others. Electromyography and "bony" sciatica, **67B**, 499
with others. Is water-soluble radiculography accurate in predicting the level of bony entrapment of lumbosacral nerve roots?, **67B**, 499
with others. The Stanmore total elbow replacement for rheumatoid arthritis, **66B**, *732
with others. The effects of peripheral electrical nerve stimulation on pain associated with osteoarthritis of the hip, **67B**, 152
with others. The value of computerised tomography and radiculography in the diagnosis of lumbar lateral canal stenosis, **68B**, 670
with others. Tibial dysplasia: a study of the anatomy, **65B**, *157
with others. Total elbow replacement: 10 years of the Stanmore hinged total elbow, **65B**, 227
Ghadially, F.N. *with* **Wedge, J.H.** *and* **Lalonde, J-M.A.** Experimental methods of repairing injured menisci, **68B**, *106

* Indicates full article or appreciable part

Ghali, N.N. *with* **Abberton, M.J.** *and* **Silk, F.F.** The management of metatarsus adductus et supinatus, **66B**, *376
with **Walker, A.P.** *and* **Silk, F.F.** Congenital vertical talus: the results of staged operative reduction, **67B**, *117
with others. The results of pantalar reduction in the management of congenital talipes equinovarus, **65B**, *1
Ghandially, F.N. *with others.* Rosai-Dorfman disease presenting as spinal tumour: a case report with ultrastructural and immunohistochemical studies, **67A**, *1427
Ghandur-Mnaymneh, L. *with others.* Coexistent infection and tumor of the spine: a report of three cases, **69A**, *452
Ghelman, B. *with others.* Deep-vein thrombosis following total knee replacement: an analysis of six hundred and thirty-eight arthroplasties, **66A**, *194
with others. Pathological dislocation of the hip in neurofibromatosis: a case report, **65A**, *414
Gherlinzoni, F. *with* **Rock, M.** *and* **Picci, P.** Chondromyxoid fibroma: the experience at the Istituto Ortopedico Rizzoli, **65A**, *198
with others. Chondroblastoma: a review of seventy cases, **67A**, *748
with others. Giant-cell tumor of bone in skeletally immature patients, **65A**, *486
with others. Parosteal osteosarcoma, **66B**, *313
with others. Surgical treatment of giant-cell tumor of the spine: the experience at the Istituto Ortopedico Rizzoli, **65A**, *1283
Ghibély, A.R. Neonatal osteomyelitis, **66B**, 303
Ghillani, R. *with others.* Central acetabular fracture with ipsilateral femoral-neck fracture and intrapelvic dislocation of the femoral head without major pelvic-column disruption: a case report, **69A**, *612
Ghista, D.N. *with* **Viviani, G.R.** *and* **Lozada, P.J.** A surgical technique to correct spinal deformities using combined distraction and segmental corrective forces application, **66B**, 299
with others. Results in scoliosis fusion using segmental wires to spinous processes combined with distraction rods, **68B**, 853
Ghosh, M.S. Neurofibromatosis and scoliosis, **67B**,500(*discussion*)
Ghosh, P. *with* **Taylor, T.K.F.** Serum glycosaminoglycans in adolescent idiopathic scoliosis and the dilemma of school screening for spinal deformity, **65B**, 675
with others. The effects of exercise on articular cartilage integrity after total bilateral medial meniscectomy in the dog, **68B**, 338
with others. The effects of polysulphated polysaccharide (Arteparon) on articular cartilage proteoglycans from joints of beagles subjected to bilateral medial meniscectomy, **69B**, 165
with others. The effects of postoperative joint immobilisation on articular cartilage degeneration following meniscectomy, **65B**, 671
with others. The effects of spinal fusion on the proteoglycans of the canine intervertebral disc: an experimental model for disc degeneration, **68B**, 334
Giachino, A.A. Recurrent dislocations of the proximal tibiofibular joint: report of two cases, **68A**, *1104
Surgeon-administered local anaesthesia for forefoot surgery, **69B**, 503
with **Hammond, D.I.** The relationship between oblique fractures of the medial malleolus and concomitant fractures of the anterolateral aspect of the tibial plafond, **69A**, *381
with others. Incidence and prevention of deep venous thrombosis, **67B**, 675
Giammattei, F.P. Diagnosis of vertebral fractures, **65A**,135(*correspondence*)
Giangarra, C. *with others.* Endometriosis in the biceps femoris: a case report and review of the literature, **69A**, *290
Giannestras, N.J. *with others.* Aseptic loosening in metal-backed acetabular components for total hip replacement: a minimum five-year follow-up, **67A**, *387
Gibbs, A. *with* **Howard, C.B.** *and* **Tayton, K.J.J.** The response of human tissues to carbon reinforced epoxy resin, **67B**, *656
Gibson, A.G.F. *with* **Bannister, G.C.** Bracing or plaster for, Colles' fractures?: a randomised prospective controlled trial, **65B**, 221
with **Bannister, G.C.** Jewett nail-plate or AO dynamic hip screw for trochanteric fractures?: a randomised prospective controlled trial, **65B**, 218
Gibson, J.M.C. *Book reviews*, **68B**, 515
A comparison of flexion and extension regimes after knee replacement, **67B**, 488(*discussion*)
Knee arthrodesis in unfavourable circumstances, **67B**,145(*discussion*)
Plaquenil and pulmonary embolism after low-friction arthroplasty, **67B**, 153(*discussion*)
The Denham knee replacement (The British Orthopaedic Study Group); **67B**, 489(*discussion*)
The effects of peripheral electrical nerve stimulation on pain associated with osteoarthritis of the hip, **67B**,152(*discussion*)
with **Scullion, J.E.** Preliminary experience with the Duo-Patella total knee replacement, **67B**, 144
Gibson, J.N.A. *with others.* Quadriceps muscle wasting and protein synthesis studied by stable isotope techniques in patients with unilateral fracture of the tibia, **68B**, 498
Gibson, M.J. *with others.* Magnetic resonance imaging and discography in the diagnosis of disc degeneration: a comparative study of 50 discs, **68B**, *369
with others. Magnetic resonance imaging of adolescent disc herniation, **69B**, *699
with others. The changes in the intervertebral disc after chemonucleolysis demonstrated by magnetic resonance imaging, **68B**, *719
with others. The penetration of antibiotics into the normal intervertebral disc, **69B**, *784
with others. Weakness of foot dorsiflexion and changes in compartment pressures after tibial osteotomy, **68B**, *471
Gibson, P.H. *with* **Cobb, A.G.** Internal fixation of subcapital fracture of the femur with AO cancellous screws, **68B**, 666
with **Goodfellow, J.W.** Stress radiography in degenerative arthritis of the knee, **67B**, 488
with **Goodfellow, J.W.** Stress radiography in degenerative arthritis of the knee, **68B**, *608
with **Kenwright, J.** Knee arthrodesis in unfavourable circumstances, **67B**, 144
with **Papaioannou, T.** *and* **Kenwright, J.** The influence on the spine of leg-length discrepancy after femoral fracture, **65B**, *584
with **Sherlock, D.A.** *and* **Benson, M.K.D.** Congenital subluxation of the hip, **67B**, *390
with **Young, S.** Disengagement and intrapelvic protrusion of the screw from a sliding screw-plate device: a case report, **66A**, 472(*correspondence*)
Gibson, R.D. *with* **Halpin, D.S.** Septic arthritis of a lumbar facet joint, **69B**, *457
Gidumal, R. Combined anterior cruciate-ligament reconstruction using semitendinosus tendon and iliotibial tract, **68A**, 952(*correspondence*)
Gie, G.A. *with others.* Cementing technique and the effects of bleeding, **69B**, *620
Giegerich, C.R. *with* **Dias, L.S.** Fractures of the distal tibial epiphysis in adolescence, **65A**, *438
Giladi, M. *with others.* Effect of intense physical activity on the bone-mineral content in the lower limbs of young adults, **68A**, *1090
with others. Recurrent stress fractures in military recruits: one-year follow-up of 66 recruits, **68B**, *439
with others. Stress fractures and tibial bone width: a risk factor, **69B**, *326
with others. Stress fractures in military recruits, **67B**, *732
Gilbert, P.P. *with others.* Fracture of the tibial tuberosity with associated ligamentous and meniscal tears: a case report, **66A**, *790
Gilchrist, T. *with others.* Controlled release glass as a potential bone graft substitute, **65B**, 364
Giles, J.B. *with others.* Supracondylar-intercondylar fractures of the femur treated with a supracondylar plate and lag screw, **65A**, 135(*correspondence*)
Gilkerson, E. *with others.* The effect of antibiotics on the destruction of cartilage in experimental infectious arthritis, **69A**, *1063
Gill, K. *with* **Bucholz, R.W.** The role of computerized tomographic scanning in the evaluation of major pelvic fractures, **66A**, *34
Gill, L.H., John Alfred Powers, **68A**, 315(*obituary*)
Gillespie, M. *with others.* The use of autogenous blood transfusion in spinal surgery, **68B**, 338
Gillespie, R. *with* **Heydemann, J.S.** Myelomeningocele kyphosis managed by kyphectomy and segmental spinal instrumentation, **68B**, 856
with **McIvor, J.** Patellar instability in juvenile amputees, **69B**, 506
with **Riley, P.M.** *and* **Koreska, J.** Severe spondylolisthesis and spondyloptosis: results of posterolateral fusion in children and adolescents, **68B**, 856
with **Torode, I.P.** *and* **van Olm, J.** Surgical management of congenital kyphosis in myelomeningocele, **66B**, 779
with **Torode, I.P.** Classification and management of congenital abnormalities of the femur, **65B**, *557
with **Torode, I.P.** Rotationplasty of the lower limb for congenital defects of the femur, **65B**, *569
with **van Olm, J.M.** Proximal tibial osteotomy for angular knee deformities in children, **66B**, 301
with others. The perils of internal fixation in slipped capital femoral epiphysis, **68B**, 856
Gillespie, T.H.F. Management of pressure sores in paraplegics by muscle belly pedicle graft and split skin graft, **67B**, 507
Gillespie, W.J. Hip fractures in rheumatoid arthritis, **65B**, 518(*discussion*)
Injuries of the rotator cuff of the shoulder, **66B**, 613(*discussion*)
Primary total hip replacement for displaced intracapsular fractures of the femur, **66B**, 614(*discussion*)
Survival after amputation for malignancy, **65B**, 519(*discussion*)
The treatment of femoral fractures by cast brace application and early ambulation: a prospective review of 106 patients, **65B**, 518(*discussion*)
with **Armour, P.C.** *and* **Sainsbury, R.** The Christchurch Orthopaedic Geriatric Unit: the first year's experience, **67B**, 678
with **Elvy, G.A.** *and* **Rose, M.** Orthopaedic patients and problem drinking, **66B**, 615
with **Elvy, G.A.** Problem drinking in orthopaedic patients, **67B**, *478
with others. Calf blood flow during total hip replacement surgery: preliminary observations, **65B**, 518
with others. Double-level fractures of the cervical spine, **65B**, 520

Gillespie, W.J., (*continued*)
with others. The result of a case control study of host defences in haematogenous osteomyelitis of childhood, **65B**, 520
Gillespy, A.W. *with* **Shaw, J.A.** *and* **DeMuth, W.W.** Guidelines for the use of digital tourniquets based on physiological pressure measurements, **67A**, *1086
Gillet, P. *with* **Jodoin, A.** Post-traumatic chronic kyphosis: a report of 13 cases, **68B**, 853
Gillquist, J. *with* **Hamberg, P.** *and* **Lysholm, J.** A comparison between arthroscopic meniscectomy and modified open meniscectomy, **66B**, *189
with **Hamberg, P.** *and* **Lysholm, J.** Suture of new and old peripheral meniscus tears, **65A**, *193
with **Odensten, M.** Functional anatomy of the anterior cruciate ligament and a rationale for reconstruction, **67A**, *257
Gilmour, R. *with* **Henderson, I.J.P.** *and* **Hooper, J.C.** The Insall procedure for the anterior cruciate-deficient knee: a follow-up study, **69B**, 162
Gilmour, W.N. Congenital dislocation of the hip: a place for early primary surgical treatment?, **66B**, 613(*discussion*)
Innominate osteotomy for Perthes' disease, **65B**, 102(*discussion*)
Presidential address, Australian Orthopaedic Association, **68B**, *329
Transient osteoporosis of the hip in children, **66B**, *612(*discussion*)
Triple osteotomy of the pelvis, **66B**, 609
What is the Trendelenburg test?, **65B**, 666(*discussion*)
with **Ecker, J.O.** *and* **Harvey, J.** Morton's metatarsalgia, **68B**, 333
Gilula, L.A. *with others*. Post-traumatic palmar carpal subluxation: report of two cases, **65A**, *998
Ginsberg, B. *with others*. Growth-plate-chondrocyte profiles and their orientation, **67A**, *942
with others. Morphometric analysis of chondrocyte hypertrophy, **68A**, *243
Gioe, T.J. *with* **Ritter, M.A.** Conventional versus resurfacing total hip arthroplasty: a long-term prospective study of concomitant bilateral implantation of prostheses, **68A**, *216
Giovanardi, C. *with others*. Dextran/aspirin versus heparin/dihydroergotamine in preventing thrombosis after hip fractures, **67B**, *305
Giove, T.P. *with others*. Non-operative treatment of the torn anterior cruciate ligament, **65A**, *184
Girardin, P. *with others*. Cementless salvage of failed total hip arthroplasty: four years' experience with the ceramic coated Bousquet prosthesis, **69B**, 509
Gitelis, S. *with others*. Adult-onset hypophosphatemic osteomalacia secondary to neoplasm: a case report and review of the pathophysiology, **68A**, *134
Githens, P.B. *with others*. An epidemiological study of acute prolapsed cervical intervertebral disc, **66A**, *907
Glasby, M.A. *with others*. Regeneration of the sciatic nerve in rats: the effect of muscle basement membrane, **68B**, *829
Glaser, J.A. *with* **Whitehill, R.** *and* **Richman, J.A.** Failure of immobilization of the cervical spine by the halo vest: a report of five cases, **68A**, *326
Glasgow, M.M.S. Meniscectomy in children, **67B**, 847(*discussion*)
with **Muirhead-Allwood, W.** *and* **Hutton, P.A.N.** A comparative study of cemented and uncemented Thompson prostheses, **65B**, 218
with **Powell, J.** Arthroscopic electrosurgery of the knee, **69B**, 849
with **Ross, K.R.** The suprapatellar plica, **66B**, 280
with others. The Stanmore total elbow replacement for rheumatoid arthritis, **66B**, *732
with others. Total elbow replacement: 10 years of the Stanmore hinged total elbow, **65B**, 227
Glassman, A.H. *with* **Engh, C.A.** *and* **Bobyn, J.D.** Porous-coated hip replacement: the factors governing bone ingrowth, stress shielding, and clinical results, **69B**, *45
Glaves, I. *with others*. The value of computerised tomography and radiculography in the diagnosis of lumbar lateral canal stenosis, **68B**, 670
Gleason, T. *with* **Kostuik, J.P.** *and* **Errico, T.** Correction of iatrogenic lumbar kyphosis (flat back syndrome), **69B**, 503
Gleason, T.F. *with* **Goldstein, W.M.** *and* **Ray, R.D.** Function of anconeus muscle: an electromyographic study, **65A**, 1031 (*correspondence*)
with **Kostuik, J.P.** *and* **Errico, T.J.** Spinal stabilisation of vertebral column tumours, **68B**, 853
Gleim, G.W. *with* **Nicholas, J.A.** Evaluation of the use of braces to prevent injury to the knee in collegiate football players, **69A**, 1468(*correspondence*)
Glick, H. *with others*. Post-traumatic osteolysis of the pubic bone simulating a malignant lesion, **66A**, *121
Glowczewskie, F.P., Jr. *with* **Burchardt, H.** *and* **Enneking, W.F.** The effect of Adriamycin and methotrexate on the repair of segmental cortical autografts in dogs, **65A**, *103
with **Dell, P.C.** *and* **Burchardt, H.** A roentgenographic, biomechanical, and histological evaluation of vascularized and non-vascularized segmental fibular canine autografts, **67A**, *105
Glowinski, J. *with others*. Leiomyomatosis metastasizing to the spine: a case report, **65A**, *1163
Glynn, M.K. *with others*. Management of the upper limb deficient child with a powered prosthetic device, **67B**,333
Goard, K. *with others*. The cervical disc syndrome: discographic assessment of the damaged cervical disc, **68B**, 335
Goddard, N.J. *with* **Fixsen, J.A.** Rotation osteotomy of the the humerus for birth injuries of the brachial plexus, **66B**, *257
Goedhart, Z.D. *with* **Fidler, M.W.** Excision of prolapse of thoracic intervertebral disc, **66B**, *518
Goh, J.C.H. *with others*. Surface morphology of Asian cadaveric hips, **67B**, *225
Gold, R.H. *with* **Kay, S.P.** *and* **Bassett, L.W.** Meniscal pneumatocele: a case report of spontaneous persistent intra-articular and juxta-articular gas, **67A**, *1117
Goldberg, C. *with* **Dowling, F.E.** *and* **Bakir, L.** Does sublaminar wiring derotate the spine or reduce lordosis?, **69B**, 853
with others. Electrical surface stimulation for idiopathic scoliosis, **68B**, 681
Goldberg, I. *with* **Bahar, A.** *and* **Yosipovitch, Z.** Late results after correction of hallux valgus deformity by basilar phalangeal osteotomy, **69A**, *64, 950(*correspondence*)
with **Peylan, J.** *and* **Yosipovitch, Z.** Late results of excision of the radial head for an isolated closed fracture, **68A**, *675
with **Rousso, I.** Voluntary habitual dislocation of the hip: a case report with follow-up by computed tomography, **66A**, *1117
Goldberg, M.J. *Book reviews*, **65A**, 1213
Goldberg, M.R. *with others*. False aneurysm in a Charcot hip: report of a case, **68A**, *462
Goldberg, R.P. *with others*. Post-traumatic osteolysis of the pubic bone simulating a malignant lesion, **66A**, *121
with others. Prediction of vertebral body compressive fracture using quantitative computed tomography, **67A**, *1206
Goldberg, V.M. *Book reviews*, **67A**, 989
with others. Immune responses of rats to frozen bone allografts, **65A**, *239
with others. Improved acceptance of frozen bone allografts in genetically mismatched dogs by immunosuppression, **66A**, *937
with others. Pyogenic and fungal vertebral osteomyelitis with paralysis, **65A**, *19
with others. The effect of histocompatibility matching on canine frozen bone allografts, **65A**, *89
with others. The influence of tibial-patellofemoral location on function of the knee in patients with the posterior stabilized condylar knee prosthesis, **68A**, *1035
Goldie, B. *with* **Ferris, B.D.** *and* **Weir, W.** An unusual presentation of tuberculosis: "trauma TB", **69B**, 157
Goldie, I. Osteochrondal fractures of the talar dome, **67B**, 672
with **Lundberg, A.** In vivo kinematic analysis of the foot, **69B**, 678
Goldner, J.L. Coping with a changing doctor-patient relationship in 1987, **69A**, *1291
Rupture of the posterior tibial tendon causing flat foot: surgical treatment, **67A**, 1448(*correspondence*)
with **Fondren, F.B.** *and* **Bassett, F.H., III.** Recurrent dislocation of the patella treated by the modified Roux-Goldthwait procedure: a prospective study of forty-seven knees, **67A**, *993
with **McKain, C.W.** *and* **Urban, B.J.** The effects of intravenous regional guanethidine and reserpine: a controlled study, **65A**, *808
Goldner, R.D. *with others*. The results of replantation after amputation of a single finger, **67A**, *611
Goldner, R.R. *with others*. Single finger replantation, **67B**, 330
Goldring, S.R. *with others*. Localized osteolysis in stable, non-septic total hip replacement, **68A**, *912
with others. The synovial-like membrane at the bone-cement interface in loose total hip replacements and its proposed role in bone lysis, **65A**, *575
Goldsmith, D.P. *with others*. Lyme arthritis in children: an orthopaedic perspective, **69A**, *96
Goldstein, E.J.C. *with* **Konugres, G.S.** *and* **Wallace, S.L.** *Eikenella corrodens* as a cause of osteomyelitis in the feet of diabetic patients: report of three cases, **69A**, *940
Goldstein, S.A. *with* **Matthews, L.S.** *and* **Green, C.A.** The thermal effects of skeletal fixation-pin insertion in bone, **66A**, *1077
Goldstein, W.M. *with* **Gleason, T.F.** *and* **Ray, R.D.** Function of anconeus muscle: an electromyographic study, **65A**, 1031(*correspondence*)
Golladay, E.S. *with others*. Hyperalimentation for superior mesenteric-artery (cast) syndrome following correction of spinal deformity, **66A**, *1175
Gollehon, D.L. *with* **Torzilli, P.A.** *and* **Warren, R.F.** The role of the posterolateral and cruciate ligaments in the stability of the human knee: a biomechanical study, **69A**, *233
Gomar-Sancho, F. *with* **Gasco, J.** *and* **Del Pino, J.M.** Double patella: a case of duplication in the coronal plane, **69B**, *602
Gomez, M.A. *with others*. The biomechanical and morphological changes in the medial collateral ligament of the rabbit after immobilization and remobilization, **69A**, *1200
Gonzales, M. *with* **Hall, R.F.,Jr.** Fracture of the proximal part of the tibia and fibula associated with an entrapped popliteal artery: a case report, **68A**, *941, 1305(*erratum*)
Gonzalez, M.H. *with others*. The effect of adjunctive methylmethacrylate on failures of fixation and function in patients with intertrochanteric fractures and osteoporosis, **67A**, *1094

* Indicates full article or appreciable part

Good, C.J. *with* **Walker, G.F.** The hip in the moulded baby syndrome, **66B**, *491
with **Wicks, M.H.** Developmental posterior dislocation of the radial head, **65B**, *64
Goodfellow, D.B. *with* **Bohlman, H.H.** Robinson anterior cervical discectomy and fusion: long-term results of 103 patients, **66B**, 298
Goodfellow, J.W. *Book reviews*, **67B**, 168
Cementless fixation of the acetabular component of the hip, **66B**, 147(*discussion*)
Chondromalacia patellae: a mythical disease?, **66B**, 455
Closed meniscectomy, **65B**, 373(*editorial*)
Combined intramedullary nailing and Charnley compression for difficult knee arthrodesis, **65B**, 224(*discussion*)
Mechanics of the knee and prosthesis design, **66B**, 458
Patellofemoral malfunction following Attenborough total knee replacement, **66B**, 147(*discussion*)
Spinal pain, lumbar movement and erector spinae musculature after injury to the thoracolumbar spine, **67B**,151(*discussion*)
The hip in myelomeningocele, **66B**, 451(*discussion*)
Total knee replacement: a 6 to 11 year follow-up, **66B**, 447 (*discussion*)
with **Bradley, J.** *and* **O'Connor, J.J.** A radiographic study of bearing movement in unicompartmental Oxford knee replacements, **69B**, *598
with **Gibson, P.H.** Stress radiography in degenerative arthritis of the knee, **68B**, *608
with **Gibson, P.H.** Stress radiography in degenerative arthritis of the knee, **67B**, 488
with **Sandow, M.J.** The natural history of anterior knee pain in adolescents, **67B**, *36
with **Tibrewal, S.B.** *and* **Grant, K.A.** The radiolucent line beneath the tibial components of the Oxford meniscal knee, **66B**, *523
with others. Mechanical interactions between the muscles and the cruciate ligaments in the human knee, **67B**,318
with others. Oxford unicompartmental meniscal knee arthroplasty: a preliminary report, **67B**, 848
Goodman, M.A. *with* **Swartz, W.** Infection in a charcot joint, **67A**, *642
Goodman, R.M. *with others.* Deep-vein thrombosis in children following trauma: a report of two cases, **65A**, *839
Goodman, S.B. Iliac autograft for reconstruction of severely depressed fracture of a lateral tibial plateau: a brief note, **68A**, 475(*correspondence*)
with others. A study of implant failure in the Wagner resurfacing arthroplasty, **67A**, *1165
Goodrich, A. A pseudo-obstruction of the colon: a postoperative complication in orthopaedic patients, **65A**, 872(*correspondence*)
Goodrum, D.T. *with* **Angus, P.D.** *and* **Nakielny, R.** The pneumatic tourniquet and deep venous thrombosis, **65B**, *336
Goodship, A.E. *with* **Cooke, P.H.** *and* **Ritchie, A.** Biomechanical compatibility of cruciate ligament prostheses, **68B**, 496
with **Cooke, P.H.** Comparative biomechanics of the anterior (cranial) cruciate ligament, **67B**, 319
with **Kenwright, J.** The influence of induced micromovement upon the healing of experimental tibial fractures, **67B**, *650
with others. A controlled multicentre trial of the influence of axial micromovement on the healing of tibial diaphyseal fractures, **68B**, 498
with others. An investigation of the influence of applied micromovement on experimental non-union of fractures, **68B**, 840
with others. The application of controlled intermittent cyclical loading in the acceleration of fracture healing, **65B**, 364
with others. The application of photon absorption densitometry to the assessment of fracture healing, **69B**, 495
Goodwin, C.B. *with* **Simmons, E.H.** *and* **Taylor, I.** Cervical vertebral-costal process (costovertebral bone) — a previously unreported anomaly: a case report, **66A**, *1477
Goodwyn, B.L. *with others.* Two-stage flexor-tendon reconstruction: ten-year experience, **68A**, *752
Goosen, C.W. *with* **Craig, J.B.** *and* **Rossouw, P.** A dynamic locking nail for fractures of the femur, **68B**, 507
Goosen, D.J. *with* **Mennen, U.** *and* **Dormehl, I.C.** Evaluation of the healing process of bone fractures in the non-human primate using sequential technetium-99m methylene disphosphonate scintigraphy, **67B**, 507
Gopalakrishnan, K.C. *with* **El Masri, W.S.** Fractures of the sternum associated with spinal injury, **68B**, *178
with others. The rib deformity in adolescent idiopathic scoliosis: a prospective study to evaluate changes after Harrington distraction and posterior fusion, **69B**, *179
Gordon, I. *with others.* Tibial dysplasia: a study of the anatomy, **65B**, *157
Gordon, L. *with* **Buncke, H.J.** The efficacy of free tissue transfer in the treatment of osteomyelitis, **66A**, 1494(*correspondence*)
with others. Free vascularized osteocutaneous transplants from the groin for delayed primary closure in the management of loss of soft-tissue and bone in the hand and wrist: report of two cases, **67A**, *958
Gordon, N.H. *with others.* The influence of tibial-patellofemoral location on function of the knee in patients with the posterior stabilized condylar knee prosthesis, **68A**, *1035
Gordon, N.S. *with others.* Scoliosis and other orthopaedic problems in Duchenne muscular dystrophy: a review of 82 cases, **65B**, 221
Gordon, R.G. *with* **Nicol, R.O.** Anomalous extensor tendon transfer for ruptured extensor pollicis longus, **68B**, 674
Gore, D.R. *with others.* Functional performance after excision of the vastus lateralis and vastus intermedius: a case report, **65A**, *856
with others. Functional performance after tibial rotationplasty, **67A**, *392
with others. Shoulder-muscle strength and range of motion following surgical repair of full-thickness rotator-cuff tears, **68A**, * 266
Gormley, J. *with* **Wynne-Davies, R.** The prevalence of skeletal dysplasias: an estimate of their minimum frequency and the number of patients requiring orthopaedic care, **67B**, *133
with others. The prediction of non-union in tibial fractures using quantitative bone scanning and fracture shift, **66B**, 287; **67B**, 146
Goss, J.R. *with* **Root, L.** *and* **Mendes, J.** The treatment of the painful hip in cerebral palsy by total hip replacement or hip arthrodesis, **68A**, *590
Gossling, H.R. *with* **Schutzer, S.F.** The treatment of reflex sympathetic dystrophy syndrome, **66A**, *625(*current concepts review*), 1493(*correspondence*)
with others. Chronic arthritis of the knee in Lyme disease: review of the literature and report of two cases treated by synovectomy, **68A**, *1057
Gotfried, Y. *with* **Bradford, D.S.** Staged salvage reconstruction of Grade-IV and V spondylolisthesis, **69A**, *191
with others. Histological characteristics of acute rejection in vascularized allografts of bone, **69A**, *410
Gotoh, I. *with others.* Replacement of the anterior cruciate ligament by an allogeneic tendon graft, **66B**, *672
Gotrik, J.K. *with others.* Prophylactic antibiotics in amputation of the lower extremity for ischemia: a placebo-controlled, randomized trial of cefoxitin, **67A**, *800
Gottschalk, F.A. *with others.* Aerobic training exercises for individuals who had amputation of the lower limb, **69A**, *914
Gottschalk, F.A.B. *with* **Graham, A.J.** The external fixator in complicated shaft fractures of the femur, **66B**, 459
with **Morein, G.** *and* **Weber, F.** Analysis of union of trochanteric osteotomy, in total hip replacement, using U-bolt fixation, **66B**, 446
Gougeon, F. *with* **Mestdagh, H.** *and* **Stahl, P.** The long-term results of late subtalar arthrodesis after injury of the hindfoot, **66B**, 144
Gould, J.D. *with* **Otis, J.C.** The effect of external load on torque production by knee extensors, **68A**, *65
Goulet, J.A. *with others.* Successive bilateral total knee replacement, **67A**, *573
Gourevitch, D. *with* **Ross, R.E.** *and* **Lawton, A.** A prospective randomised trial of functional bracing in Colles' fractures, **66B**, 776
Goutallier, D. *with* **Delepine, G.** Internal fixation in the surgical management of metastatic fractures of the femur, **66B**, 145
with others. Proximal tibial osteotomy for osteoarthritis with varus deformity: a ten to thirteen-year follow-up study, **69A**, *332
Gouw, G. *with* **Letts, M.** *and* **Vincent, N.E.** The "floating knee" in children, **68B**, *442, 855
Govender, S. Fractures of the dens: is rigid immobilisation necessary, **68B**, 507
Segmented spinal instrumentation: the Durban experience, **68B**, 507
with **Charles, R.W.** "Hangman's fracture": a misnomer, **69B**, 684
Gräbe, R.P. A comparative study of the incidence of infection in open fractures of the tibia using an external fixation device or plaster cast immobilisation, **66B**, 460(*discussion*)
Operative treatment of recurrent dislocation of the shoulder: comparison of Eden–Hybinette reconstruction and Weber's rotation osteotomy, **66B**, 449(*discussion*)
Pitfalls in cerebral paresis, **66B**, 452
The after-care of cerebral palsied school-leavers and other physically deformed patients, **69B**, 681
with **van den Bout, A.** *and* **Heyns, D.M.** Stress fractures of the tibia: diagnostic pitfalls in children, **66B**, 450
Grace, D.L. Implant arthroplasty of the metatarsophalangeal joints, **66B**, 772
Irreducible fracture-separation of the distal tibial epiphysis, **65B**, *160
Stress radiography in degenerative arthritis of the knee, **67B**, 488(*discussion*)
with **Cracchiolo, A.** Triple arthrodesis for the painful hindfoot using a bone grafting technique, **67B**, 671
with **Fiddian, N.J.** Traumatic dislocation of the hip in adolescence with separation of the capital epiphysis: two case reports, **65B**, *148
with **Hughes, J.R.** *and* **Klenerman, L.** Comparison of Hohmann and Wilson metatarsal osteotomies, **69B**, 678
Grace, T.G. *with others.* Isokinetic muscle imbalance and knee-joint injuries: a prospective blind study, **66A**, *734
Graham, A.J. *with* **Gottschalk, F.A.B.** The external fixator in complicated shaft fractures of the femur, **66B**, 459
Graham, B. *with* **Loomer, R.L.** The anatomical basis for axillary nerve injury during inferior capsular shift surgery of the shoulder, **69B**, 502
Graham, C.E. A prospective comparative study of lumbar discography versus CT scanning in the assessment of the integrity of 270 lumbar discs, **69B**, 164
Posterior lumbar spinal fusion with sparing of the iliac crest: a long-term review of the first 100 patients in a personal series, **66B**, 786
Techniques of lateral lumbar discography, **68B**, 335

* Indicates full article or appreciable part

Graham, D.R. *with* **Aubuchon, C.** *and* **Hill, J.J.,Jr.** Atypical mycobacterial infection of soft tissue associated with use of a hot tub: a case report, **68A**, *766
Graham, H.K. *with* **Henderson, S.A.** *and* **Piggot, J.** Injury in child motorcyclists, **69B**, 499
with **Henderson, S.A.** *and* **Piggot, J.** Death and serious injury in child motorcyclists, **69B**, 489
with **McCoy, G.F.** *and* **Mollan, R.A.B.** A new injury of the distal radio-ulnar joint, **67B**,*302
with **Piggot, J.** *and* **McCoy, G.F.** Supracondylar fractures of the humerus in children: treatment by straight lateral traction, **68B**, *577, 155
Graham, J. *with others*. The real cost of joint replacement, **68B**, 160
Graham, J.D. *with others*. Reconstruction of the leg by vascularised osteocutaneous grafts, **66B**, 296
Grainger, R.W. *with* **Willis, R.B.** *and* **Dobson, C.** Legg–Perthes disease: a comparative analysis of innominate and varus osteotomy, **67B**, 332
with others. Thompson hemiarthroplasty: 5-to 10-year follow-up in 241 patients, **68B**, 852
Grange, W. *with* **Turnbull, T.J.** A comparison of Keller's arthroplasty and distal metatarsal osteotomy in the treatment of adult hallux valgus, **68B**, *132
Grange, W.J. *with* **Allen, P.W.** *and* **McAuliffe, T.B.** Chevron osteotomy versus Silastic ball spacer in hallux valgus, **69B**, 678
with **Turnbull, T.J.** A comparison of osteotomy of the first metatarsal and Keller's operation, **66B**, 772
with others. Early mobilisation of Colles' fractures: a prospective trial, **69B**, *727
Grant, C.E.P. *with* **Williams, D.H.** *and* **Catterall, A.** Posterolateral release for resistant club foot: early clinical experience, **69B**, 155
Grant, J.M. Results of intra-articular anterior cruciate ligament reconstruction using patellar ligament, **66B**, 788 (*discussion*)
Grant, K.A. *with* **Tibrewal, S.B.** *and* **Goodfellow, J.W.** The radiolucent line beneath the tibial components of the Oxford meniscal knee, **66B**, *523
Grant, S.C. *with* **Taylor, L.J.** Bilateral fracture of the femoral neck during a hypocalcaemic convulsion: a case report, **67B**, *534
Gräbe, R.P. The tendo calcaneus, the stretch reflex and the paratenon, **67B**, 508
with **Elliot, A.C.** *and* **Read, C.J.** Treatment of pertrochanteric fractures of the femur with flexible intramedullary nails, **67B**, 504
Gratama, S. *with others*. Failure of anterior cruciate-ligament reconstruction using tendon xenograft, **69A**, *860
Grauer, D. *with others*. The grid radiograph: a simple technique for consistent high-resolution visualization of the hip, **68A**, *1052
Graves, S.E. *with* **Foster, V.K.** Absorbable suture lasso in the treatment of complete disruption of the acromioclavicular joint, **66B**, 789
with **Raptis, S.** *and* **Potter, G.R.** Vascular injury in complete dislocation of bone, **68B**, 333
Gravett, A.W. *with* **El-Khoury, G.Y.** *and* **Clark, C.R.** Acute traumatic rotatory atlanto-axial dislocation in children: a report of three cases, **66A**, *774
Graviss, E.R. *with others*. Arthrography in the diagnosis of fractures of the distal end of the humerus in infants, **68A**, *599
Gray, D.H. CT scans for traumatic hip dislocations and posterior-rim fractures, **66B**, 612(*discussion*)
Displaced intra-articular fractures: an experimental model using the patellae of sheep, **67B**, 679(*discussion*)
Early experiences in bone allografting, **68B**, 676
Galeazzi fracture-dislocation revisited, **66B**, 613 (*discussion*)
Incidence and prevention of deep venous thrombosis, **67B**,675(*discussion*)
Injuries of the rotator cuff of the shoulder, **66B**, 613(*discussion*)
Investigation of the lumbar spinal canal: CT scan or radiculogram, **67B**, 677(*discussion*)
The Christchurch Orthopaedic Geriatric Unit: the first year's experience, **67B**, 679(*discussion*)
with **Caughey, M.A.** Results of the Magnusson-Stack procedure for recurrent dislocation of the shoulder, **65B**, 518
with **Tietjens, B.R.** *and* **Berry, E.W.** Avascular necrosis of the femoral head in a mild haemophiliac, **67B**, 675
with **Treadwell, B.V.** *and* **Mankin, H.J.** Protein messengers in pathogenesis of arthritis, **67B**, 680
Gray, J. Reduction of radiation exposure during radiography for scoliosis, **65A**, 1206(*correspondence*)
Gray, J.E. *with* **Hoffman, A.D.** *and* **Peterson, H.A.** Reduction of radiation exposure during radiography for scoliosis, **65A**, *5
Gray, P. *with* **Tyer, H.D.** *and* **Huckstep, R.L.** Hip revision in the presence of gross bone destruction, **69B**, 165
Gray, P.C. *with* **Harvey, F.J.** Surgical reconstruction of the quadriplegic hand, **65B**, 667
with others. Post-traumatic conversion paralysis, **66B**, 779
Gray, R.E.S. *with others*. Aminohexane diphosphonate for the treatment of Paget's disease of bone, **68B**, 161
Gray, R.H. *with others*. Luque segmental spinal instrumentation for scoliosis: a preliminary clinical and biomedical report, **66B**, 284
with others. The relationship of ligamentous clicks arising from the newborn hip and congenital dislocation, **67B**, 491
Greatorex, R.A. *with others*. Three years after Colles' fracture: a prospective review, **69B**, *635
Green, A.D.L. *with* **Fixsen, J.A.** *and* **Lloyd-Roberts, G.C.** Talectomy for arthrogryposis multiplex congenita, **66B**, *697
with **Lloyd-Roberts, G.C.** The results of early posterior release in resistant club feet: a long-term review, **67B**, *588
Green, B.A. *with* **Eismont, F.J.** *and* **Quencer, R.M.** Post-traumatic spinal-cord cyst: a case report, **66A**, *614
with others. Coexistent infection and tumor of the spine: a report of three cases, **69A**, *452
with others. Failure of posterior cervical fusions using cadaveric bone graft in children, **67A**, *370
Green, C.A. *with* **Matthews, L.S.** *and* **Goldstein, S.A.** The thermal effects of skeletal fixation-pin insertion in bone, **66A**, *1077
Green, C.J. *with* **Ford, D.J.** *and* **Gerber, S.** Epiphyseal growth after vascular free transfer using the juvenile rabbit knee as an experimental model: a comparison of growth in autografts and allografts using Cyclosporin A for immunosuppression, **69B**, 495
Green, D.L. *with others*. Biplane radiographic measurements of reversible displacement (including clinical loosening) and migration of total joint replacements, **65A**, *1134; **66A**, 631(*correspondence*)
Green, N.A. *Book reviews*, **67B**, 341
Green, N.E. Hip dysplasia associated with abduction contracture of the contralateral hip, **65A**, 871(*correspondence*), 1030(*correspondence*)
Part-time bracing of adolescent idiopathic scoliosis, **68A**, *738
with **Griffin, P.P.** *and* **Shiavi, R.** Split posterior tibial-tendon transfer in spastic cerebral palsy, **65A**, *748
Green, S. *with others*. The clinicopathological spectrum of non-tuberculous mycobacterial osteoarticular infections, **67A**, *925
Green, S.A. *with* **Ripley, M.J.** Chronic osteomyelitis in pin tracks, **66A**, *1092
Green, T.M. *with others*. Internal fixation of fractures and non-unions of the humeral shaft: indications and results in a multi-center study, **67A**, *857
Green, W. Incidence and outcome of fractured proximal femur, **68B**, 156(*discussion*)
Greenberg, D.A. *with others*. Reduction of skeletal muscle necrosis using intermittent hyperbaric oxygen in a model compartment syndrome, **65A**, *656
Greenberg, D.C. Pathological fracture of the patella secondary to gout: a case report, **68A**, *1286
Greenberg, R.L. *with others*. Measurement of anterior-posterior motion of the knee in injured patients using a biomechanical stress technique, **66A**, *1438
Greene, T.L. *with* **Louis, D.S.** *and* **Hankin, F.M.** Chronic capitolunate instability, **69A**, 950(*correspondence*)
with **Louis, D.S.** Compartment syndrome of the arm — a complication of the pneumatic tourniquet: a case report, **65A**, *270; **66A**, 630(*correspondence*)
Greenhalgh, R.M. *Book reviews*, **66B**, 622
Greenhill, B.J. *with* **Ness, A.** Evaluation of anatomical results in thoracolumbar fractures, **66B**, 294
Greenough, C.G. An investigation into contamination of operative suction, **68B**, *151
with **Bromage, D.** *and* **Jackson, A.M.** *In situ* pinning of the slipped upper femoral epiphysis: a trouble free procedure?, **68B**, 155
with others. The role of computerised tomography in intervertebral disc prolapse, **68B**, *729
Greenspan, A. *with others*. Hodgkin disease presenting as a lesion in the wrist: a case report, **69A**, *1246
Greer, R.B., III. *Book reviews*, **65A**, 717, 1214
Orthopaedic manower, **68A**, 639(*editorial*)
with **Nelson, O.A.** Localization of osteoid-osteoma of the spine using computerized tomography: a case report, **65A**, *263
with others. Assessment of the risk of vertebral fracture in menopausal women, **69A**, *212, 952(*correspondence*)
Gregg, J.R. *with others*. A modified Bristow–Helfet– May procedure for recurrent dislocation and subluxation of the shoulder: report of two hundred and twelve cases, **69A**, *904
Gregg, P.J. *with* **O'Doherty, D.P.** *and* **Lowrie, I.G.** Caisson disease of the talus, **69B**, *847(*brief report*)
with **Oni, O.O.A.** *and* **Stafford, H.** Soft-tissue damage following tibial shaft fractures: an experimental study, **69B**, 495
with **Smith, S.R.** *and* **Malcolm, A.J.** Metaphysial changes in Perthes' disease: a hypothesis, **65B**, 367
with others. Acromioclavicular joint injuries: a five-year review of conservatively treated patients, **69B**, 490
with others. Adriamycin binding by osteosarcoma cells: assessment by flow cytometry, **67B**, 320
with others. CT scanning of os calcis fractures, **69B**, 159
with others. Changes in sesamoid position after surgery for hallux rigidus and valgus, **69B**, 158
with others. Computerised axial tomography for tibial plateau fractures, **69B**, *84

* Indicates full article or appreciable part

Gregg, P.J., (*continued*)
with others. Does increasing the size of suction drains reduce the incidence of postoperative wound haematoma as assessed by ultrasound, **69B**, 497
with others. Early scintigraphy of tibial-shaft fractures: prognostic value?, **65B**, 223
with others. Pathological effects of virus on bone and marrow, **65B**, 89
with others. The conservative treatment of acromioclavicular dislocation: review after five years, **69B**, *719
with others. The value of early mobilisation in the treatment of Colles' fractures, **69B**, *463
with others. Torsion of localised pigmented villonodular synovitis of the knee, **67B**, *564
Gregory, R.O. *with others*. Functional reconstruction of an extremity by free tissue transfer of the latissimus dorsi, **65A**, *729
with others. Functional reconstruction of an extremity by free tissue transfer of the latissimus dorsi, **66A**, 806(*correspondence*)
Greiss, M. Biomechanics of the forefoot and the rationale of lesser metatarsal osteotomy for metatarsalgia, **69B**, 158
with **Helal, B.** Telescoping osteotomy for pressure metatarsalgia, **66B**, *213
Greiss, M.E. *with* **Henry, A.P.J.** *and* **Helal, B.** Pressure metatarsalgia and metatarsal osteotomy, **65B**, 220
Greisamer, R. *with* **Stinchfield, F.** The need for a standardized system for evaluating results of total hip surgery, **67A**, 1143(*correspondence*)
Gretton, J.T. *Book reviews*, **65B**, 108
Griend, R.V. *with* **Tomasin, J.** *and* **Ward, E.F.** Open reduction and internal fixation of humeral shaft fractures: results using AO plating techniques, **68A**, *430
Griffin, P.P. *Book reviews*, **65A**, 718, 877
with **Floyd, W.E., III** *and* **Simmons, B.P.** Focal scleroderma affecting the hand: case report, **67A**, *637
with **Green, N.E.** *and* **Shiavi, R.** Split posterior tibial-tendon transfer in spastic cerebral palsy, **65A**, *748
with **O'Brien, T.** *and* **Millis, M.B.** The early identification and classification of growth disturbances of the proximal end of the femur, **68A**, *970
with **O'Brien, T.M.** *and* **Millis, M.B.** The early identification and classification of growth abnormalities of the proximal femur following treatment for congenital dislocation of the hip, **68B**, 668
with others. Femoral anteversion: a clinical assessment of idiopathic intoeing gait in children, **69B**, *75
with others. The association of femoral retroversion with slipped capital femoral epiphysis, **68A**, *1000
Griffiths, D.Ll. Short-course chemotherapy in the treatment of spinal tuberculosis: a report from the Medical Research Council's working party, **68B**, 158, 512(*corrigendum*)
Goronwy Evan Thomas, **67B**, 138(*obituary*)
Griffiths, H.E.D. *with others*. Congenital dislocation of the hip: the preliminary results of a 10-year screening programme in Bristol, **65B**, 226
Griffiths, J. *with* **Forgarty, M.J.P.** Late results of treatment of displaced central acetabular fractures, **67B**, 676
Griffiths, J.D. *with* **Fogarty, M.J.** Late results of treatment of displaced central acetabular fractures, **69B**, 166
with **Menelaus, M.B.** Symptomatic ossicles of the lateral malleolus in children, **69B**, *317
Grill, F. *with* **Franke, J.** The Ilizarov distractor for the correction of relapsed or neglected clubfoot, **69B**, *593
Grimer, R.G. *with others*. Results of the treatment of osteosarcoma, **66B**, 277, 785
Grimer, R.J. Local recurrence after prosthetic replacement for chondrosarcoma, **67B**, 497(*discussion*)
Massive prosthetic replacement of the proximal humerus, **67B**, 496(*discussion*)
The results of early mobilisation of fractures of the neck of the fifth metacarpal, **67B**, 492(*discussion*)
with **Brooks, S.** Brachial artery damage accompanying closed posterior dislocation of the elbow, **67B**, *378
with **Karpinski, M.R.** Revision of failed total knee replacements with the Stanmore hinged knee, **67B**, 489
with **Karpinski, M.R.K.** *and* **Edwards, A.N.** The long-term results of Stanmore total knee replacements, **66B**, *55
with **Mulligan, P.J.** *and* **Thompson, A.G.** Thoracic outlet syndrome following correction of scoliosis in a patient with cervical ribs: a case report, **65A**, *1172
with **Sneath, R.S.** *and* **Scales, J.T.** The surgical management of osteosarcoma, **69B**, 492
with others. Results of the treatment of osteosarcoma, **66B**, 277
Grimm, J.O. *with* **Segal, L.S.** *and* **Stauffer, E.S.** Non-union of fractures of the atlas, **69A**, *1423
Grimshaw, P.N. *with* **Turner, P.G.** Measuring the instability of unstable knees, **69B**, 160
Griscom, N.T. *with others*. Femoral anteversion, **69A**, *1169
Grishkan, A. *with others*. Histological response to carbon fibre, **67B**, *645
Gristina, A.G. *with* **Costerton, J.W.** Bacterial adherence to biomaterials and tissue: the significance of its role in clinical sepsis, **67A**, *264
with **Kolkin, J.** Total joint replacement and sepsis, **65A**, *128(*current concepts review*)
Grobbelaar, C.J. Accelerated polymerisation of the femoral cement in total hip replacement: a preliminary report, **67B**, 505(*discussion*)
An approach to trochanteric osteotomy in total hip replacement, **68B**, 503
Analysis of union of trochanteric osteotomy in total hip replacement, using U-bolt fixation, **66B**, 447(*discussion*)
Cementless fixation of the acetabular component in total hip arthroplasty, **66B**, 447(*discussion*)
Polyethylene—is the writing on the wall?, **66B**, 447
The Pretoria ceramic hip prosthesis, **67B**, 502
The development of the Pretoria-86 knee prosthesis, **69B**, 680
with **Jonck, L.M.** *and* **Strating, H.** Glass ceramic in total joint replacement, **69B**, 681
with **Jonck, L.M.** *and* **Strating, H.** Glass–ceramic cements: a possible alternative for polymethylmethacrylate (PMMA) in arthroplasty, **67B**, 505
with others. Long-term follow-up of Charnley low-friction arthroplasty of the hip, **67B**, 503
Grobler, L.J. A review of the management of spinal tuberculosis at Princess Alice Orthopaedic Hospital, **66B**, 456(*discussion*)
One-stage decompression-stabilisation of thoracolumbar fractures, **66B**, 456
Rotational subluxation of the lumbar spine, **67B**, 505(*discussion*)
with others. Spondylo-epi-metaphysial dysplasia with joint laxity and severe progressive kyphoscoliosis, **66B**, 454
Grodzinsky, A.J. *with* **Lavine, L.S.** Electrical stimulation of repair of bone, **69A**, *626(*current concepts review*), 1111(*correspondence*)
Grogan, D.D. *with* **Ogden, J.A.** The Thurstan Holland fragment, **67A**, 980(*correspondence*)
Grogan, D.P. *with* **Bobechko, W.P.** Pathogenesis of a fracture of the distal femoral epiphsis: a case report, **66A**, *621
with **Stanley, E.A.** *and* **Bobechko, W.P.** The congenital undescended scapula: surgical correction by the Woodward procedure, **65B**, *598
Grogan, T. *with others*. Treatment of primary osteoarthritis of the hip: a comparison of total joint and surface replacement arthroplasty, **66A**, *228
Grogan, T.J. *with others*. Deep sepsis following total knee arthroplasty: ten-year experience at the University of California at Los Angeles Medical Center, **68A**, *226
Grogono, B.J.S. Arthrodesis of the hip in adolescents and young adults: a long-term functional review, **67B**, 498(*discussion*)
McKee–Farrar hip arthroplasty in Norwich: a long-term follow-up, **67B**, 497(*discussion*)
Grønmark, T. *with* **Reigstad, A.** Osteoarthritis of the hip treated by intertrochanteric osteotomy: a long-term follow-up, **66A**, *1
with others. The symptomatic anterior cruciate-deficient knee: part II: the results of rehabilitation, activity modification and counselling on functional disability, **65A**, *163
Grood, E.S. *with others*. Biomechanical analysis of human ligament grafts used in knee-ligament repairs and reconstructions, **66A**, *344
with others. Biomechanics of the knee-extension exercise: effect of cutting the anterior cruciate ligament, **66A**, *725
Gropper, P.T. *with* **Claridge, R.J.** *and* **McGraw, R.W.** Swanson implant arthroplasty in the distal radio-ulnar joint, **67B**, 330
with **McGraw, R.W.** Proximal interphalangeal joint arthroplasty, **66B**, 297
with **McKenzie, G.M.** Lunatomalacia: the role of Silastic replacement arthroplasty, **66B**, 297
with **Sovio, O.M.** Wrist arthrodesis, **68B**, 856
with **Spreuwers, C.P.** Isolated injury of the ulnar nerve motor branch, **66B**, 297
Groshen, S. *with others*. Pelvic Ewing's sarcoma: advances in treatment, **65A**, *738
Gross, A.E. *with* **Kleinman, M.** Achilles tendon rupture following steroid injection: report of three cases, **65A**, *1345; **67A**, 170(*correspondence*)
with **Langer, F.** *and* **Esses, S.** The management of giant-cell tumours of the knee by *en bloc* excision and allograft reconstruction, **66B**, 297
with **Langer, F.** *and* **McDermott, A.G.P.** The role of bone grafts in prosthetic joint replacement, **67B**, 331
with **Locht, R.C.** *and* **Langer, F.** Late osteochondral allograft resurfacing for tibial plateau fractures, **66A**, *328
with **McDermott, A.G.P.** *and* **Langer, F.** Fresh small-fragment osteochondral allografts: follow-up of first 100 cases, **68B**, 849
with others. A clinical and histological analysis of failed fresh osteochondral allografts, **69B**, 502
with others. Anterior cruciate reconstruction using the MacIntosh lateral-substitution over-the-top repair, **67A**, *1183
with others. Bicompartmental osteotomy of the knee, **67B**, 331
with others. Biological reconstruction of skeletal defects following en bloc excision of bone tumours, **68B**, 848
with others. False aneurysm in a Charcot hip: report of a case, **68A**, *462

Gross, A.E. (*continued*)
with others. Restoration of bone stock in the multiply revised implant, **69B**, 508
with others. Supracondylar varus osteotomy for valgus deformity of the knee, **68B**, 854
Gross, G. *with others*. Heel strike impulses in three dimensions: induced shear within the knee joint, **67B**, 319
Gross, M. *with* **Enneking, W.F.** *and* **Springfield, D.** The surgical treatment of parosteal osteosarcoma in long bones, **67A**, *125
Gross, P.T. *with others*. Sciatica caused by an avulsion fracture of the ischial tuberosity: a case report, **69A**, *143
Gross, R.H. *Book reviews*, **65A**, 141
with others. Segmental spinal instrumentation with sublaminar wires: a critical appraisal, **69A**, *851
Gross, R.M. Acute dislocation of the patella: the Mudville mystery: report of five cases, **68A**, *780
Grosse, A. *with* **Kempf, I.** *and* **Beck, G.** Closed locked intramedullary nailing: its application to comminuted fractures of the femur, **67A**, *709
Groth, H.E. *with* **Fitch, H.F.** Posterior tibial tendon rupture and the severe rheumatoid flatfoot, **69B**, 493
with others. Composite structure fixation in total knee arthroplasty: a preliminary report of a multi-centre clinical trial, **66B**, 300
Grover, M.L. *Book reviews*, **68B**, 516
with others. The acute-phase response of plasma proteins as an aid to the diagnosis of infection in joint replacements, **69B**, 157
Grubb, S.A. *with* **Phillips, H.O., IV.** Familial multiple osteochondritis dissecans: report of a kindred, **67A**, *155
Gruen, T.A. *with* **Sarmiento, A.** Radiographic analysis of a low-modulus titanium-alloy femoral total hip component: two to six-year follow-up, **67A**, *48
Grundberg, A.B. Postoperative ulnar-nerve palsy: are there predisposing factors?, **69A**, 951(*correspondence*)
Grunebaum, M. *with others*. Fractures in children who have Gaucher disease, **69A**, *1361
Gschmeissner, S. *with others*. Regeneration of the sciatic nerve in rats: the effect of muscle basement membrane, **68B**, *829
Gschwend, N. *with others*. Changes in local bone density after knee arthroplasty: the use of quantitative computed tomography, **69B**, *407
Guerra, A. *with others*. Parosteal osteosarcoma, **66B**, *313
Guiloff, R.J. *with* **Scadding, J.W.** *and* **Klenerman, L.** Morton's metatarsalgia, **66B**, *586
with others. Morton's metatarsalgia: a retrospective and prospective study, **65B**, 220
Gumley, G. Distal radial allograft: long-term follow-up, **69B**, 166
Gumley, G.J. *with* **Friedman, R.J.** Crepitation simulating gas gangrene: a case report, **67A**, *646
Gupta, D.K.S. *with* **Gupta, S.K.** Familial bilateral proximal femoral focal deficiency: report of a kindred, **66A**, *1470
Gupta, R.C. *with* **Upadhyay, S.S.** Intra-osseous venography: accuracy and role in assessment of fracture healing and non-union, **65B**, 658
Gupta, S.K. *with* **Gupta, D.K.S.** Familial bilateral proximal femoral focal deficiency: report of a kindred, **66A**, *1470
Gurd, A.R. *with others*. The syndrome of inappropriate antidiuretic-hormone secretion following spinal fusion, **68A**, *720
Gurman, A.W. *with* **Seimon, L.P.** Iliofemoral thrombosis following Harrington spinal instrumentation: report of a case, **67A**, *1273
Gurr, K. *with* **Hawkins, R.J.** A review of three-part displaced proximal humeral fractures: operative v. non-operative management, **67B**, 327
with **Hawkins, R.J.** *and* **Bell, R.H.** The three-part fracture of the proximal part of the humerus: operative treatment, **68A**, *1410
Gustilo, R.B. *with* **De Souza, L.J.** *and* **Meyer, T.J.** Results of operative treatment of displaced external rotation-abduction fractures of the ankle, **67A**, *1066; **68A**, 633(*correspondence*), 953(*correspondence*)
with **Hidaka, S.** Refracture of bones of the forearm after plate removal, **66A**, *1241; **67A**, 505(*correspondence*)
Guyer, R. *with* **Barber, F.A.** *and* **Burton, W.C.** The heparin-induced thrombocytopenia and thrombosis syndrome: report of a case, **69A**, *935
Guyer, R.D. The detection and prevention of pulmonary embolism in total hip replacement: a study comparing aspirin and low-dose warfarin, **65A**, 567(*correspondence*)
Gyngell, M. *with others*. The musculoskeletal applications of NMR imaging, **66B**, 290
with others. The use of nuclear magnetic resonance in the diagnosis of lateral canal entrapment, **66B**, *711

H

Haaksma, C.J. *with* **Tomasek, J.J.** *and* **Schultz, R.J.** Extracellular matrix-cytoskeletal connections at the surface of the specialized contractile fibroblast (myofibroblast) in Dupuytren disease, **69A**, *1400
Haar, D. *with* **Mathiesen, F.K.** MNS genotypes in ankylosing spondylitis, **68B**, *656(*brief report*)
Habermann, E.T. *with* **Macy, N.J.** *and* **Lieber, L.** Arthritis caused by *Clostridium septicum*: a case report and review of the literature, **68A**, *465
Hadar, H. *with others*. Magnetic resonance imaging in orthopaedic surgery: a glimpse into the future, **67B**, *659
Haddad, R.G. *with* **Armstrong, R.D.** *and* **Bailey, S.I.** The usefulness of CT scanning and myelography in lumbar disc disease, **69B**, 509
with **Bailey, S.I.** *and* **Lockstadt, H.D.** Evaluation of fractures of the ring of the atlas, **68B**, 852
with **Roth, J.H.** Radiocarpal arthroscopy and arthrography in the diagnosis of ulnar wrist pain, **69B**, 501
Haddad, R.J., Jr. *with* **Cook, S.D.** *and* **Thomas, K.A.** Biological fixation of porous-coated implants, **69A**, *1459(*current concepts review*)
with others. Psoas abscess mimicking a septic hip: diagnosis by computed tomography, **67A**, *1281
Hadden, W. *with others*. Wedge resection of amputation stumps: a valuable salvage procedure, **69B**, *306
Hadden, W.A. *with* **Abernethy, P.J.** *and* **Haw, C.S.** Hip fractures in rheumatoid arthritis, **65B**, 518
with others. Double-level fractures of the cervical spine, **65B**, 520
Hadfield, G. *Book reviews*, **66B**, 155; **68B**, 168
with **Davies, S.J.M.** Os calcis pin traction and the subtalar joint, **67B**, 146
Hadied, A.M. An unusual complication of arthroscopy: a fistula between the knee and the prepatellar bursa: case report, **66A**, *624
Hadjipavlou, A. *with* **Lexier, R.** *and* **Lander, P.** Pathological long-bone fractures in Paget's disease: a twelve-year multicentre review, **66B**, 297
with others. Desmoplastic fibroma of a metatarsal: case report, **68A**, *459
Hadjipavlou, A.G. *with* **Lander, P.H.** A dynamic classification of Paget's disease, **68B**, *431
Hadlow, V.D. School screening for scoliosis in New Zealand: a pilot study, **66B**, 612
Hagberg, G. *with others*. Recurrences after initial dislocation of the shoulder: results of a prospective study of treatment, **65A**, *343
Haines, J.F. *with others*. Is conservative treatment of displaced tibial shaft fracture justified? **66B**, *84
with others. The results of early mobilisation of fractures of the neck of the fifth metacarpal, **67B**, 492
Hajek, M.R. *with* **Noble, H.B.** Boutonnière-type deformity of the knee following patellectomy and manipulations: a case report, **66A**, *137
Hakala, M.W. *with* **Bunch, W.H.** Iliopsoas transfers in children with myelomeningocele, **66A**, *224
Hakendorf, P. *with others*. Infection in a hip prosthesis model, **65B**, 100
with others. Infection in experimental hip arthroplasties II: gentamicin-incorporated bone cement, **68B**, 338
Hakendorf, P.H. *with others*. Infection in experimental hip arthroplasties, **67B**, *229
Halawa, M. *with* **Aziz, A.A.** Chondrosarcoma in fibrous dysplasia of the pelvis, **66B**, *760
Hall, A.J. Congenital absence of the anterior cruciate ligament, **67B**, 846(*discussion*)
Lateral subluxation of the patella in extension, **67B**,848(*discussion*)
Hall, B.B. *with* **Fitzgerald, R.H., Jr.** The pharmacokinetics of penicillin in osteomyelitic canine bone, **65A**, *526
with **Fitzgerald, R.H., Jr.** *and* **Rosenblatt, J.E.** Anaerobic osteomyelitis, **65A**, *30
with **McCulloch, J.A.** Anaphylactic reactions following the intradiscal injection of chymopapain under local anesthesia, **65A**, *1215
Hall, B.D. *with others*. Tarsal and carpal coalition and symphalangism of the Fuhrmann type: report of a family, **67A**, *884
Hall, B.K. Induction of bone by epithelial cell products, **65B**, 89
Hall, D.J. *with others*. Coxa plana — the fate of the physis, **66A**, *870
Hall, F. Ultrasonographic evaluation of the rotator cuff and biceps tendon, **68A**, 950(*correspondence*)
Hall, F.M. Post-fracture pubic osteolysis simulating malignancy, **66A**, 975(*editorial*)
with others. Post-traumatic osteolysis of the pubic bone simulating a malignant lesion, **66A**, *121
Hall, H. *with* **Cameron, J.C.** *and* **Courtenay, B.G.** The Bristow procedure for recurrent anterior dislocation of the shoulder, **67B**, 327
Hall, J. Excision spinal osteotomy for kyphosis in myelomeningocele, **68B**, 159(*discussion*)
Supracondylar fractures of the humerus in childhood: results of straight lateral traction, **68B**, 155(*discussion*)
The rib hump in adolescent idiopathic scoliosis, **68B**, 159(*discussion*), 512(*corrigendum*)
with **Taylor, T.K.F.** *and* **Ryan, M.** Odontoid fractures in children, **69B**, 167
Hall, J.E. *with* **Stanitski, C.L.** *and* **Micheli, L.J.** The correction of spinal deformity in idiopathic torsional dystonias, **65A**, *980
with others. Results of surgical treatment of adults with idiopathic scoliosis, **69A**, *667
Hall, L. *with others*. Identification and characterisation of the human calcitonin precursor, **65B**, 92
Hall, M. *with* **Denham, R.A.** Fixation pins in the treatment of talipes equinovarus, **68B**, 844
Hall, R. McKellar, *see* McKellar Hall, R.

Hall, R.F., Jr. *with* **Brna, J.A.** Acute monoarticular herpetic arthritis: a case report, **66A**, *623
with **Pankovich, A.M.** Ender nailing of acute fractures of the humerus: a study of closed fixation by intramedullary nails without reaming, **69A**, *558
Hall, R.F., Jr. *with* **Gonzales, M.** Fracture of the proximal part of the tibia and fibula associated with an entrapped popliteal artery: a case report, **68A**, *941, 1305(*erratum*)
Hallel, T. *with* **Gepstein, R.** *and* **Weiss, R.E.** Acetabular dysplasia and hip dislocation after selective premature fusion of the triradiate cartilage, **66B**, *334
with **Gepstein, R.** *and* **Weiss, R.E.** Bridging large defects in bone by demineralized bone matrix in the form of a powder: a radiographic, histological and radioisotope-uptake study in rats, **69A**, *984 *with others*. Levels of active metabolites of vitamin D_3 in the callus of fracture repair in chicks, **69B**, *132
Hallett, J.P. Is carpal tunnel release always successful?, **65B**, 223(*discussion*)
Os calcis pin traction and the subtalar joint, **67B**,146(*discussion*)
The use of ulnar skeletal traction in the treatment of severe elbow injuries, **66B**, 142
Tourniquet safety: testing for inaccurate gauges and a better method of exsanguination, **65B**, 227
with **Dixon, J.H.** *Mycobacterium kansasii*: an undiagnosed cause of stiff fingers, **65B**, 219
with **Sundaram, N.A.** *and* **Sullivan, M.F.** Dome osteotomy of the tibia for osteoarthritis of the knee, **68B**, *782
with **Sundaram, N.A.** *and* **Sullivan, M.F.** Dome osteotomy of the tibia in the treatment of osteoarthritis of the knee, **67B**, 145
Halliday, D. *with others*. Quadriceps muscle wasting and protein synthesis studied by stable isotope techniques in patients with unilateral fracture of the tibia, **68B**, 498
Hallisey, M.J. *with others*. Anatomy of the junction of the vastus lateralis tendon and the patella, **69A**, *545
Hallmann, B.W. *with others*. Spontaneous rupture of the extensor mechanism causing ulnar dislocation of the long extensor tendon of the long finger: two case reports, **66A**, *1108
Hallsworth, A.S. *with* **Atkinson, P.J.** The nutrient channels in ageing bone, **67B**, 159
Halperin, N. *with* **Mirovsky, Y.** *and* **Hendel, D.** Abduction-traction injury of the knee, **66B**, *201
Halpin, D.S. A technique for arthrodesis of the great toe, **67B**, 670
Fracture of the neck of the radius in children: prognostic factors and recommendations for management, **67B**, 491(*discussion*)
Plaquenil and pulmonary embolism after low-friction arthroplasty, **67B**, 153(*discussion*)
with **Gibson, R.D.** Septic arthritis of a lumbar facet joint, **69B**, *457
Hamad, Z. *with others*. The clinical features of early bleeding into the muscles of the lower limb in severe haemophiliacs, **65B**, *19
Hamberg, P. *with* **Gillquist, J.** *and* **Lysholm, J.** A comparison between arthroscopic meniscectomy and modified open meniscectomy, **66B**, *189
with **Gillquist, J.** *and* **Lysholm, J.** Suture of new and old peripheral meniscus tears, **65A**, *193
Hamblen, D.L. *Book reviews*, **65B**, 370, 683; **66B**, 309, 621
Can the ankle joint be replaced?, **67B**, *689(*editorial*)
Combined bony and vascular limb trauma: a new approach to treatment, **66B**, 281(*discussion*)
One-stage transoral anterior decompression and posterior stabilisation in cervical myelopathy complicating rheumatoid arthritis, **67B**, 499(*discussion*)
with **Carter, R.L.** Sarcoma and joint replacement, **66B**, 625(*editorial*)
with **Das De, S.** Problems of distal metatarsal osteotomy for hallux valgus in the middle-aged patient, **68B**, 667
with **Fisher, W.D.** *and* **Kumar, V.P.** The Guepar hinge prosthesis for salvage of failed knee arthroplasty, **65B**, 226
with others. A bacteriologically occlusive clothing system for use in the operating room, **65B**, *502
with others. A new method of hip function measurement, **69B**, 498
with others. Hip joint replacement and lower limb joint loading, **65B**, 368
with others. Sarcoma at the site of a single hip screw: a case report, **69B**, *470
with others. Surgical stabilisation of the rheumatoid cervical spine: indications and results, **68B**, 848
with others. Surgical stabilisation of the rheumatoid cervical spine: a review of indications and results, **69B**, *8
with others. The real cost of joint replacement, **68B**, 160
Hamilton, A. *with* **Davis, R.I.** *and* **Nixon, J.R.** Synovial chondrosarcoma complicating synovial chondromatosis: report of a case and review of the literature, **69A**, *1084 *with others*. Chondrosarcoma developing in synovial chondromatosis: a case report, **69B**, *137
Hamilton, E.B.D. *Book reviews*, **65B**, 107
Hamilton, H.W. Prosthetic position in total hip replacement, **68B**, 851
The need for a standardized system for evaluating the results of total hip surgery, **68A**, 635(*correspondence*)
with **Joyce, M.** A prospective clinical study of 450 consecutive low-friction arthroplasties, **67B**, 331
Hamilton, J.B. *with others*. The Leeds Keio ligament in chronic anterior cruciate deficiencies: the results from three centres, **69B**, 493
Hamilton, S.G.L. *with* **Macdonald, W.** *and* **Thrum, C.B.** Designing an implant by CT scanning and solid modelling: arthrodesis of the shoulder after excision of the upper humerus, **68B**, *208
Hamlin, G.W. *with others*. Respiratory failure in idiopathic scoliosis: an animal model, **69B**, 855
Hammer, A.J. *with* **Erken, E.H.W.** Radiocoloids: joint protection in haemophilia?, **66B**, 457
Hammer, R. *with* **Edholm, P.** *and* **Lindholm, B.** Stability of union after tibial shaft fracture, **66B**, *529
Hammond, D.I. *with* **Giachino, A.A.** The relationship between oblique fractures of the medial malleolus and concomitant fractures of the anterolateral aspect of the tibial plafond, **69A**, *381
with others. Diagnosing shoulder impingement by subacromial bursography, **68B**, 675
Hampson, W. *with others*. Fat in the genesis of deep vein thrombosis after total hip replacement arthroplasty, **65B**, 673
Han, D.-Y. *with* **Kim, Y.-H.** *and* **Park, B.-M.** Total hip arthroplasty for tuberculous coxarthrosis, **69A**, *718
Hanker, G. *with* **Ellman, H.** *and* **Bayer, M.** Repair of the rotator cuff: end-result study of factors influencing reconstruction, **68A**, *1136
Hanker, G.J. *with* **Moreland, J.R.** *and* **Bassett, L.W.** radiographic analysis of the axial alignment of the lower extremity, **69A**, *745
Hankin, F.M. Fatal pulmonary embolism following tourniquet inflation, **67A**, 1143(*correspondence*)
with **Louis, D.S.** *and* **Greene, T.L.** Chronic capitolunate instability, **69A**, 950(*correspondence*)
with **Louis, D.S.** *and* **Huebner, J.J.,Jr.** Rupture and displacement of the ulnar collateral ligament of the metacarpophalangeal joint of the thumb: preoperative diagnosis, **68A**, *1320
with others. Fibrous dysplasia: an analysis of options for treatment, **69A**, *400
Hannan, N. *with others*. The effects of exercise on articular cartilage integrity after total bilateral medial meniscectomy in the dog, **68B**, 338
with others. The effects of polysulphated polysaccharide (Arteparon) on articular cartilage proteoglycans from joints of beagles subjected to bilateral medial meniscectomy, **69B**, 165
Hannon, D.G. *with others*. Vascular injury associated with low-velocity dislocations of the knee, **69B**, *285
Hanscom, D.A. *with others*. Resection of heterotopic ossification in the adult with head trauma, **67A**, *1261
Hansen, A. *with others*. Characterisation of physeal chondrocytes in vitro, **69B**, 166
Hansen, D. *with others*. Direct nerve stimulation for painful peripheral neuropathies, **67B**, *470
Hansen, H. *with* **Boe, S.** Arthroscopic partial meniscectomy in patients aged over 50, **68B**, *707(*brief report*)
Hansen, P.E. *with others*. Correction of post-traumatic flexion contracture of the elbow by anterior capsulotomy, **67A**, *1160
Hansen, S.T. *with* **Galpin, R.D.** *and* **Veith, R.G.** Treatment of failures after plating of tibial fractures, **68A**, *1231
Hansen, S.T., Jr. The type-IIIC tibial fracture: salvage or amputation, **69A**, 799(*editorial*)
with **Franklin, J.L.** *and* **Johnson, K.D.** Immediate internal fixation of open ankle fractures: report of thirty-eight cases treated with a standard protocol, **66A**, *1349
with **Marcus, R.E.** Bilateral fracture-dislocation of the sacrum: a case report, **66A**, *1297
with **Swiontkowski, M.F.** *and* **Kellam, J.** Ipsilateral fractures of the femoral neck and shaft: a treatment protocol, **66A**, *260
with **Swiontkowski, M.F.** *and* **Winquist, R.A.** Fractures of the femoral neck in patients between the ages of twelve and forty-nine years, **66A**, *837
with **Veith, R.G.** *and* **Winquist, R.A.** Ipsilateral fractures of the femur and tibia: a report of fifty-seven consecutive cases, **66A**, *991
with **Winquist, R.A.** *and* **Clawson, D.K.** Closed intramedullary nailing of femoral fractures: a report of five hundred and twenty cases, **66A**, *529
with others. Subtrochanteric fracture of the femur: fixation using the Zickel nail, **69A**, *1032
Hanspal, R.S. Injury to the medial humeral condyle in a child reviewed after 18 years: report of a case, **67B**, *638
with **Older, M.W.J.** *and* **Cardoso, T.P.** The medial shelf: an anatomical, clinical and pathological study, **66B**, 280
Hanssen, A.D. *with* **Cabanela, M.E.** *and* **Michet, C.J., Jr.** Hip arthroplasty in patients with systemic lupus erythematosus, **69A**, *807
Hansson, H-A. *with* **Linder, L.** Ultrastructural aspects of the interface between bone and cement in man: report of three cases, **65B**, *646
Hansson, L.I. *with* **Kärrholm, J.** *and* **Selvik, G.** Changes in tibiofibular relationships due to growth disturbances after ankle fractures in children, **66A**, *1198
with **Selvik, G.** Biplane radiographic measurements of reversible displacement (including clinical loosening) and migration of total joint replacements, **66A**, 631(*correspondence*)
with others. Mechanical loosening of total hip prostheses: a radiographic and roentgen stereophotogrammetric study, **68B**, *770

* Indicates full article or appreciable part

Hansson, L.I., (*continued*)
with others. Pre-operative and postoperative scintimetry after femoral neck fracture, **66B**, *49
Happel, L.T. *with others*. Neural anatomy of the human anterior cruciate ligament, **69A**, *243
Happel, L.T., Jr. *with others*. Delayed paraplegia complicating sublaminar segmental spinal instrumentation, **68A**, *556
Harbison, J.S. Domestic rehabilitation of patients with fractures of the proximal femur, **66B**, 782(*discussion*)
The role of bone scans in the assessment of prognosis in acute scaphoid fractures, **65B**, 667(*discussion*)
Harcke, H.T. *with others*. Real-time ultrasound in the diagnosis of congenital dislocation and dysplasia of the hip, **67B**, *406
Harcke, M.T. *with others*. Experience of real-time ultrasonography of the infant hip joint, **67B**, 149
Hardcastle, J.D. *with others*. Gamma scintigraphy of bone tumours using a radiolabelled anti-osteosarcoma monoclonal antibody, **67B**, 320
with others. Localisation of human osteosarcoma by antitumour monoclonal antibody, **65B**, *638
Hardcastle, P. *with* **Evans, G.A.** *and* **Frenyo, A.D.** Acute rupture of the lateral ligament of the ankle: to suture or not to suture?, **67B**, 145
with **Evans, G.A.** *and* **Frenyo, A.D.** Acute rupture of the lateral ligament of the ankle, **66B**, *209
with **Nade, S.** *and* **Arnold, W.** Hereditary bone dysplasia with malignant change: report of three families, **68A**, *1079
with **Nade, S.** The significance of the Trendelenburg test, **67B**, *741
Hardcastle, P.H. *with* **Bedbrook, Sir G.** Spinal pain, lumbar movement and erector spinae musculature after injury to the thoracolumbar spine, **67B**, 151
with **Bedbrook, Sir G.** Pain, lumbar movement and the extensor musculature in disabled athletes after injury to the thoracolumbar junction, **68B**, 334
with others. Injuries to the tarsometatarsal joint: incidence, classification and treatment, **65B**, 98
Hardegger, F. *with* **Simpson, L.A.** *and* **Segmueller, G.** The syndrome of idiopathic osteolysis: classification, review and case report, **67B**, *89
with **Weber, B.G.** *and* **Simpson, L.A.** Rotational humeral osteotomy for recurrent anterior dislocation of the shoulder associated with a large Hill-Sachs lesion, **66A**, *1443
Hardegger, F.H. *with* **Simpson, L.A.** *and* **Weber, B.G.** The operative treatment of scapular fractures, **66B**, *725
Harder, E. *with* **Lifeso, R.M.** *and* **McCorkell, S.J.** Spinal brucellosis, **67B**, *345
Harder, E.H. *with* **Lifeso, R.M.** *and* **Weaver, P.** Tuberculous spondylitis in adults, **67A**, *1405
Harder, F. *with others*. Cyclosporin A and osteonecrosis of the femoral head, **69A**, *1226
Harding, M. *with* **Chen, S.C.** A modification of Keller's operation, **68B**, 845
Harding, M.L. *with* **Tasker, T.P.B.** Supracondylar osteotomy for valgus arthritic knees, **67B**, 158
with others. Measurement of knee ligament laxity, **69B**, 159
Harding, M.L.H. *with others*. The diagnosis and management of chronic compartment syndromes of the leg, **66B**, 276
Harding, S.M. *with others*. The result of a case control study of host defences in haematogenous osteomyelitis of childhood, **65B**, 520
Hardinge, K. *Book reviews*, **67B**, 341
with **Simison, A.J.M.** *and* **Noble, J.** Complications of the Attenborough knee replacement, **68B**, *100
with others. Bone grafting for protrusio acetabuli during total hip replacement: a review of the Wrightington method in 61 hips, **69B**, *229
with others. CT scanning in total hip replacement for secondary osteoarthritis in CDH, **68B**, 669
with others. Problems with the Attenborough knee prosthesis, **65B**, 226
Hardy, A.E. Assessment of foot movement, **69B**, *838
Congenital dislocation of the hip, **67B**, 676
Ipsilateral fractures of the femoral and tibial diaphyses treated by cast-brace application, **68B**, 677
Late results of treatment of displaced central acetabular fractures, **67B**, 676(*discussion*)
Rebuilding the deficient acetabulum in total hip arthroplasty, **67B**, 676(*discussion*)
The treatment of femoral fractures by cast brace application and early ambulation: a prospective review of 106 patients, **65B**, 517
The treatment of femoral fractures by cast-brace application and early ambulation: a prospective review of one hundred and six patients, **65A**, *56
with **Barnes, M.J.** Delayed reconstruction of the tendo achillis, **67B**, 674
with **Barnes, M.J.** Delayed reconstruction of the calcaneal tendon, **68B**, *121
with **Lander, R.O.** Hypertension following correction of lower limb flexion contractures, **68B**, 678
Hardy, J.G. *with* **Colton, C.L.** Evaluation of a sterilizable radiation probe as an aid to the surgical treatment of osteoid-osteoma: technical note, **65A**, *1019
with **Szypryt, E.P.** *and* **Colton, C.L.** An improved technique of intra-operative bone scanning, **68B**, *643
with others. Gamma scintigraphy of bone tumours using a radiolabelled anti-osteosarcoma monoclonal antibody, **67B**, 320
Hargadon, E.J. *with others*. Is conservative treatment of displaced tibial shaft fracture justified, **66B**, *84
Hargens, A.R. *with others*. Ankle and knee position as a factor modifying intracompartmental pressure in the human leg, **66A**, *1415
with others. Hyperbaric oxygen reduces edema and necrosis of skeletal muscle in compartment syndromes associated with hemorrhagic hypotension, **68A**, *1218
with others. Reduction of skeletal muscle necrosis using intermittent hyperbaric oxygen in a model compartment syndrome, **65A**, *656
Hargraves, R.A. *with* **Stephen, J.P.** Internal bracing for scoliosis: the subcutaneous Harrington rod, **69B**, 164
Harkess, J.W. Orthopaedics 1888-1920: advances and current problems, **69A**, 1259
Harley, J.M. *with* **Boston, D.A.** Acetabular cup failure after total hip replacement, **67B**, *222
with **Wilkinson, J.A.** Hip replacement for adults with unreduced congenital dislocation: a new surgical technique, **69B**, *752
with **Wilkinson, J.A.** Total hip replacement in adults with persistent CDH, **69B**, 156
Harper, G. *with* **Palmer, N.R.** *and* **Horne, J.G.** The role of computer-assisted tomography in the assessment of spinal fractures, **65B**, 520
Harper, M.C. A prospective, randomized study of the management of severe ankle fractures, **67A**, 1303(*correspondence*)
Fractures of the femur treated by open and closed intramedullary nailing using the fluted rod, **67A**, *699
Instability of the distal tibiofibular syndesmosis after bimalleolar and trimalleolar ankle fractures, **66A**, 1319(*correspondence*)
Ipsilateral fractures of the femoral neck and shaft: a treatment protocol, **66A**, 1143(*correspondence*)
Results of operative treatment of displaced external rotation-abduction fractures of the ankle, **68A**, 633(*correspondence*)
with **Henstorf, J.** Fractures of the femoral neck associated with technical errors in closed intramedullary nailing of the femur: report of two cases, **68A**, *624
with **Walsh, T.** Ender nailing for peritrochanteric fractures of the femur: an analysis of indications, factors related to mechanical failure, and postoperative results, **67A**, *79
Harrigan, T.P. The effect of centrifugation on the fracture properties of acrylic bone cements, **68A**, 1126(*correspondence*)
Harrington, I. *with others*. Cauda equina syndrome and lumbar disc herniation, **68A**, *386
Harrington, I.J. Static and dynamic loading patterns in knee joints with deformities, **65A**, *247
with **Esses, S.I.** *and* **White, R.C.** The use of a pylon for early ambulation after below-knee amputation: a preliminary report, **67B**, 335
with others. Fractures of the forearm treated by compression plating: a retrospective review, **67B**, 326
with others. Treatment of unstable fractures of the distal radius by external fixation, **67B**, *385
Harrington, I.Z. *with others*. Cauda equina syndrome and lumbar disc herniation, **66B**, 298
Harrington, K.D. Metastatic disease of the spine, **68A**, *1110(*current concepts review*)
Metastatic disease of the spine, **69A**, 633(*correspondence*)
Harris, B.A. *with others*. Effect of patellectomy on the function of the quadriceps and hamstrings, **65A**, *390
Harris, F. *with others*. Slipped upper femoral epiphysis and primary juvenile hypothyroidism, **67B**, *14
Harris, I.E. *with* **Weinstein, S.L.** Long-term follow-up of patients with grade-III and IV spondylolisthesis: treatment with and without posterior fusion, **69A**, *960
Harris, J. *with* **Williams, J.F.** The hyperextendible elbow and its relationship to supracondylar fracture of the humerus in children, **65B**, 674
Harris, J.D. *with* **Thurstone, A.J.** Normal kinematics of the lumbar spine and pelvis, **66B**, 611
with others. A controlled multicentre trial of the influence of axial micromovement on the healing of tibial diaphyseal fractures, **68B**, 498
with others. The predictive value of Integrated Shape Imaging System scanning, **69B**, 852
Harris, J.E. An experimental study of iatrogenically induced operating theatre burns, **66B**, 779(*discussion*)
Occupational overuse syndrome in Australia: fact or "farnarkle", **69B**, 166
Harris, J.R. *with others*. Bilateral sequential tibial and fibular fatigue fractures associated with aluminum intoxication osteomalacia: a case report, **65A**, *843

* Indicates full article or appreciable part

Harris, W.H. The effect of centrifugation on the fracture properties of acrylic bone cements, **68A**, 1125(*correspondence*)
with **Bourne, R.B.** *and* **Oh, I.** The femoral cement compactor: an improvement in cementing technique in total hip replacement, **65A**, *1335; **66A**, 808(*correspondence*)
with **Burke, D.W.** *and* **Gates, E.I.** Centrifugation as a method of improving tensile and fatigue properties of acrylic bone cement, **66A**, *1265
with **Burke, D.W.** *and* **McGann, W.** Major advances in cemented total hip replacement, **67B**, 331
with **Gerber, S.D.** Femoral head autografting to augment acetabular deficiency in patients requiring total hip replacement: a minimum five-year and an average seven-year follow-up study, **68A**, *1241
with **McGann, W.** *and* **Mankin, H.J.** Massive allografting for severe failed total hip replacement, **68A**, *4
with **McGann, W.** Improved results from improved femoral cementing for total hip replacement, **68B**, 850
with **McGann, W.A.** Loosening of the femoral component after use of the medullary-plug cementing technique: follow-up note with a minimum five-year follow-up, **68A**, *1064
with **Miegel, R.E.** Medial-displacement intertrochanteric osteotomy in the treatment of osteoarthritis of the hip: a long-term follow-up study, **66A**, *878
with **O'Neill, D.A.** Failed total hip replacement: assessment by plain radiographs, arthrograms, and aspiration of the hip joint, **66A**, *540
with **Penenberg, B.L.** Further follow-up on socket fixation using a metal-backed acetabular component for total hip replacement: a minimum ten-year follow-up study, **69A**, *1140 *with* **Rubash, H.E.** Revision THA of cemented femoral components using modern cement techniques: six-year average follow-up study, **69B**, 509
with **Woolson, S.T.** Complex total hip replacement for diplastic or hypoplastic hips using miniature or microminiature components, **65A**, *1099
with others. Detection of pulmonary emboli after total hip replacement using serial $C^{15}O_2$ pulmonary scans, **66A**, *1388
with others. Localized osteolysis in stable, non-septic total hip replacement, **68A**, *912
with others. Prophylaxis of deep-vein thrombosis after total hip replacement: dextran and external pneumatic compression compared with 1.2 or 0.3 gram of aspirin daily, **67A**, *57, 983(*correspondence*)
with others. The synovial-like membrane at the bone-cement interface in loose total hip replacements and its proposed role in bone lysis, **65A**, *575
Harris, W.R. *with* **Iceton, J.** Results of pectoralis major transfer for winged scapula, **67B**, 327
with **Iceton, J.** Treatment of winged scapula by pectoralis major transfer, **69B**, *108
with **Lehmann, E.C.H.** Recurrent giant-cell tumour after *en bloc* excision of the distal radius and fibular autograft replacement, **65B**, *618
Harrison, D.H. The osteocutaneous free fibular graft, **68B**, *804
Harrison, M.H.M. *Book reviews*, **66B**, 464; **67B**, 516
Discitis following lumbar surgery, **68B**, 159(*discussion*)
Short-course chemotherapy in the treatment of spinal tuberculosis: a report from the Medical Research Council's working party, **68B**, 158(*discussion*), 512(*corrigendum*)
The Oswestry experience with the ICLH double-cup arthroplasty, **68B**, 161(*discussion*)
with **Clarke, N.M.P.** *and* **Keret, D.** The sagging rope sign: a critical appraisal, **65B**, *285
with **Clarke, N.M.P.** Painful sequelae of coxa plana, **65A**, *13
with others. Coxa plana — the fate of the physis, **66A**, *870
with **Clarke, N.M.P.** Slipped upper femoral epiphysis: a potential for spontaneous recovery, **68B**, *541
Harrold, A.J. *with* **Walker, C.J.** Treatment and prognosis in congenital club foot, **65B**, *8
Hart, D.P. *with* **Dahners, L.E.** Healing of the medial collateral ligament in rats: the effects of repair, motion, and secondary stabilizing ligaments, **69A**, *1194
Hart, G.B. *with others.* Hyperbaric oxygen reduces edema and necrosis of skeletal muscle in compartment syndromes associated with hemorrhagic hypotension, **68A**, *1218
with others. Reduction of skeletal muscle necrosis using intermittent hyperbaric oxygen in a model compartment syndrome, **65A**, *656
Hart, J.A.L. Percutaneous orthopaedic surgery, **66B**, 788
Reflex sympathetic dystrophy of the knee joint, **68B**, 337
Results of intra-articular anterior cruciate ligament reconstruction using patellar ligament, **66B**, 788 (*discussion*)
with **Gardiner, D.** Disc bone grafting in protrusio acetabuli, **66B**, 787
with **Sandor, S.** Rehabilitation of the knee joint following surgery for chronic instability, **65B**, 671
with others An interhospital criteria audit of infection in total hip joint replacement surgery, **65B**, 663
Hart, M.B. *with others.* External skeletal fixation of canine tibial osteotomies: compression compared with no compression, **67A**, *598
Hartjen, C.A. *with others.* Intraspinal pathways taken by sublaminar wires during removal: an experimental study, **68A**, *1206
Hartleben, P. *with others.* Long-term results of distal femoral fractures, **68B**, 848
Harvey, F.J. *with* **Gray, P.C.** Surgical reconstruction of the quadriplegic hand, **65B**, 667
with others. A critical review of 274 metacarpophalangeal arthroplasties, **66B**, 777
Harvey, J. *with* **Gilmour, W.N.** *and* **Ecker, J.O.** Morton's metatarsalgia, **68B**, 333
Harvey, J.P., Jr. *with others.* Congenital annular bands in identical twins: a case report, **66A**, *450
with others. Deep-vein thrombosis in children following trauma: a report of two cases, **65A**, *839
with others. Results of compression-plating of closed Galeazzi fractures, **67A**, *1015
Harvey, L. *with others.* Osteomalacia and femoral neck fractures in the elderly patient, **69B**, *388
with others. Screening for osteomalacia in elderly patients with femoral neck fractures, **69B**, *765
Harvey, M.J. *with others.* Standardised trunk asymmetry scores and vector stereography in idiopathic scoliosis, **66B**, 289
Harvey, S.R. *with others.* Acetabular fractures: standardisation of surgical approaches, **66B**, 295
Harwood, F. *with others.* Rib perichondrial grafts for the repair of full-thickness articular-cartilage defects: a morphological and biochemical study in rabbits, **67A**, *911
Haskell, S.S. *with* **Selesnick, F.H.** *and* **Dolitsky, B.** Fracture of the coronoid process requiring open reduction with internal fixation: a case report, **66A**, *1304
Haslock, I. *with* **Jones, A.R.** *and* **Unsworth, A.** Quantitative assessment of hand function, **68B**, 497
Hassanein, M.R. Scoliosis and other orthopaedic problems in Duchenne muscular dystrophy: a review of 82 cases, **65B**, 221(*discussion*)
with **Fath, M.A.** *and* **James, J.I.P.** Congenital absence of pain: a family study, **65B**, *186
Hassanein, R. *with* **Woods, G.A.** *and* **Jacobs, R.R.** Evaluation of the use of braces to prevent injury to the knee in collegiate football players, **69A**, 1467(*correspondence*)
Hastings, D. *with others.* Virus-like filamentous intranuclear inclusions in a giant-cell tumor, not associated with Paget's disease of bone: a case report, **67A**, *333
Hastings, D.E. *Book reviews*, **67A**, 174
A reliable method of local anaesthesia for diagnostic and operative arthroscopy of the knee, **66B**, 454(*discussion*)
Double plantar fasciotomy for treatment of the mobile cavus foot, **66B**, 457(*discussion*)
Habitual dislocation of patellar, **66B**, 452(*discussion*)
Knee ligament injuries, **66B**, 449
Mechanics of the knee and prosthesis design, **66B**, 458(*discussion*)
Plain words for the diagnosis of acute ligamentous injury of the knee, **66B**, 454(*discussion*)
Polyethylene—is the writing on the wall?, **66B**, 447(*discussion*)
Preliminary report on carbon fibre implants for ligamentous injuries of the knee, **66B**, 454(*discussion*)
Radiocolloids: joint protection in haemophilia?, **66B**, 457 (*discussion*)
Rheumatoid wrist deformity and its surgical correction, **66B**, 452
with **Esses, S.** *and* **Schatzker, J.** The results of revision of total hip arthroplasty, **66B**, 301
with **McLean, J.** Intra-operative hip capsule culture: is this a useful test?, **68B**, 851
with **Sullivan, J.M.** The hip in juvenile rheumatoid arthritis: the patterns of deformity and their management, **68B**, 851
with **Sullivan, J.M.** The hip in juvenile rheumatoid arthritis, **68B**, 674
with **Young, C.** *and* **Schatzker, J.** Acetabular reinforcement in total hip replacement, **67B**,331
Hastings, G.W. *with others.* A clinical and laboratory analysis of forearm fracture fixation with less than rigid implants, **65B**, *364
with others. A preliminary report on the use of carbon composite plates in forearm fractures, **68B**, 161
Hatch, J.P. *with others.* Anterior transposition for ulnar neuropathy at the elbow, **67B**, 329
Haukebo, A. *with others.* Interlocking intramedullary nailing in femoral shaft fractures: a report of forty-eight cases, **67A**, *1313
Haupt, H.A. *with* **Nicastro, J.F.** Probable stress fracture of the cuboid in an infant: a case report, **66A**, *1106
Hauser, E.W. Emil D.W. Hauser, **65A**, 423(*obituary*)
Hauzeur, J.Ph. *with* **Pasteels, J.L.** *and* **Orloff, S.** Bilateral non-traumatic aseptic osteonecrosis in the femoral head: an experimental study of incidence, **69A**, *1221
Haw, C.S. Acetabular socket fixation with emphasis on cement pressurisation, **66B**, 788(*discussion*)
Infected non-union treated by bone graft and stabilisation, **66B**, 782(*discussion*)
Post-traumatic conversion paralysis, **66B**, 779(*discussion*)
Recurrent dislocation of the shoulder treated by titanium staple and screw fixation, **65B**, 674(*discussion*)
with **Hadden, W.A.** *and* **Abernethy, P.J.** Hip fractures in rheumatoid arthritis, **65B**, 518

Haw, C.S., (*continued*)
with **Rischien, M.** Posterolateral spinal fusion, **66B**, 75
with others. Dislocations of the lunate with and without fracture of the scaphoid, **66B**, *391
Hawkes, R.C. *with others*. The musculoskeletal applications of NMR imaging, **66B**, 290
with others. The use of nuclear magnetic resonance in the diagnosis of lateral canal entrapment, **66B**, *711
Hawkins, R.H. *with* **Favero, K.J.** *and* **Jones, M.W.** Brachial plexus neuropathy: a report of 34 cases, **68B**, 848
with **Favero, K.J.** *and* **Jones, M.W.** Neuralgic amyotrophy, **69B**, *195
with **Hawkins, R.J.** Failed anterior reconstruction for shoulder instability, **67B**, *709
with **Hawkins, R.J.** Failed anterior reconstruction for shoulder instability, **69B**, 502
Hawkins, R.J. *Book reviews*, **65A**, 1361
Surgery for full-thickness rotator-cuff tears, **68A**, 634(*correspondence*)
with **Bell, R.H.** *and* **Gurr, K.** The three-part fracture of the proximal part of the humerus: operative treatment, **68A**, *1410
with **Bell, R.H.** *and* **Jalaly, B.A.** Total shoulder arthroplasty, **68B**, 848
with **Brock, R.M.** *and* **Hobeika, P.** Anterior acromioplasty for impingement syndrome with intact rotator cuff, **67B**, 327
with **Gurr, K.** A review of three-part displaced proximal humeral fractures: operative v. non-operative management, **67B**, 327
with **Hawkins, R.H.** Failed anterior reconstruction for shoulder instability, **69B**, 502 *with others*. Locked posterior dislocation of the shoulder, **69A**, *9
with **Hawkins, R.H.** Failed anterior reconstruction for shoulder instability, **67B**, *709
with **Hobeika, P.** *and* **Misamore, G.** Patient selection and expectation regarding surgery for full thickness rotator cuff tears, **68B**, 848
with **Hobeika, P.** Patient selection and expectation regarding surgery for full-thickness rotator cuff tears, **66B**, 303
with **Koppert, G.** *and* **Johnston, G.** Recurrent posterior instability (subluxation) of the shoulder, **66A**, *169
with **Misamore, G.W.** *and* **Hobeika, P.E.** Surgery for full-thickness rotator-cuff tears, **67A**, *1349
with **Willis, R.B.** *and* **Rock, M.G.** Supracondylar fractures of the humerus in children: an analysis of open reduction and internal fixation, **68B**, 850
with others. Thompson hemiarthroplasty: 5-to 10-year follow-up in 241 patients, **68B**, 852
Hay, B.M. The Christchurch Orthopaedic Geriatric Unit: the first year's experience, **67B**, 679(*discussion*)
Hay, M.C. A prospective randomised trial of functional bracing in Colles' fractures, **66B**, 777(*discussion*)
Percutaneous orthopaedic surgery, 778(*discussion*)
Hayashi, K. *with* **Yabuki, T.** Origin of the uncus and of Luschka's joint in the cervical spine, **67A**, *788
Hayes, A.G. Dome osteotomy of the tibia in the treatment of osteoarthritis of the knee, **67B**, 145(*discussion*)
Medial meniscectomy using the extended horizontal approach, **67B**, 152(*discussion*)
Pressure metatarsalgia and metatarsal osteotomy, **65B**, 220(*discussion*)
The management of non-unions close to the knee joint, **65B**, 224
Unstable fractures of the greater tuberosity of the humerus, **65B**, 225(*discussion*)
with **Rajgopal, A.** Tibial plateau fractures, **66B**, 282
Hayes, D. *with others*. Chondrosarcoma developing in synovial chondromatosis: a case report, **69B**, *137
Hayes, M. *with* **Rayan, G.M.** Entrapment of the flexor digitorum profundus in the ulna with fracture of both bones of the forearm: report of a case, **68A**, *1102
Hayes, M.G. *with* **Tonkin, A.** Gastrosoleal flap reinforcement in acute rupture of the Achilles tendon: five-year review, **66B**, 781
Hayes, W.C. *with* **Huberti, H.H.** Patellofemoral contact pressures: the influence of Q-angle and tendofemoral contact, **66A**, *715
with **Ruff, C.B.** Bone-mineral content in the lower limb: relationship to cross-sectional geometry, **66A**, *1024
with others. Prediction of vertebral body compressive fracture using quantitative computed tomography, **67A**, *1206
Hayhurst, J. *with others*. Acute compartment syndrome in the thigh complicating fracture of the femur: a report of three cases, **68A**, *1439
Haynor, D.R. *with* **Clark, J.M.** Anatomy of the abductor muscles of the hip as studied by computed tomography, **69A**, *1021
Hays, M. The effect of early weight-bearing on the stability of femoral neck fractures treated with Knowles pins, **66A**, 1495(*correspondence*)
Hayward, C.M. *with* **McDonagh, M.J.N.** *and* **Davies, C.T.M.** Isometric training in human elbow flexor muscles: the effects on voluntary and electrically evoked forces, **65B**, 355
Hazelgrove, J.C. *with others*. Compartment syndrome: a bioenergetic study using ^{31}P-NMR spectroscopy, **67B**, 330
Hazleman, B.L. *with others*. Thermographic diagnosis in athletes with patellofemoral arthralgia, **68B**, *42
Hazlett, C.J.W. Nerve-root decompression for spinal stenosis, **67B**, 150(*discussion*)
Hazlett, J. Le passé, le présent et l'avenir: Presidential address, Canadian Orthopaedic Association, **67B**, *321
Hazlett, J.W. Avascular necrosis of the scaphoid: partial replacement using a stabilised silicone implant, **66B**, 776 (*discussion*)
Avulsion of the ring apophysis in the lumbar region, **66B**, 785(*discussion*)
Cementless modular ceramic hip and femoral prosthesis, **66B**, 787(*discussion*)
Elmslie-Trillat patellar tendon transfer: technique and early results, **66B**, 610(*discussion*)
External fixation of tibial fractures, **66B**, 614(*discussion*)
Failures of arthroscopic meniscectomy, **67B**, 158(*discussion*)
Fluted intramedullary nails in femoral shaft fractures, **66B**, 615(*discussion*)
Galeazzi fracture-dislocation revisited, **66B**, 613(*discussion*)
Injuries of the rotator cuff of the shoulder, **66B**, 613 (*discussion*)
Is there any place for fusion in simple backache?, **67B**, 151(*discussion*)
Low back pain with femoral neuritis, **66B**, 785
MacIntosh over-the-top fascia substitution for chronic anterior cruciate insufficiency, **66B**, 610(*discussion*)
Medial meniscectomy using the extended horizontal approach, **67B**, 152(*discussion*)
Non-union of the carpal scaphoid, **66B**, 277(*discussion*)
Posterior lumbar spinal fusion with sparing of the iliac crest: a long-term review of the first 100 patients in a personal series, **66B**, 786(*discussion*)
Sacro-iliac injuries, **66B**, 611(*discussion*)
Sources of pain in lumbar spondylosis, **66B**, 298
Surgical management of congenital kyphosis in myelomeningocele, **66B**, 780(*discussion*)
The incidence of knee-ligament injuries in 105 patients with lower-limb fractures, **67B**, 151(*discussion*)
The long-term results of anterior cervical decompression fusion in spondylotic myelopathy, **66B**, 612(*discussion*)
The treatment of spinal stenosis by partial facetectomy, **66B**, 609(*discussion*)
with **Taylor, G.M.** Injuries of the rotator cuff of the shoulder, **66B**, 613
Head, W.C. Prevention of intraoperative vascular complications in revision total hip-replacement arthroplasty: a case report, **66A**, *458
Total articular resurfacing arthroplasty: analysis of component failure in sixty-seven hips, **66A**, *28
Healey, J.H. *with* **Dines, D.** *and* **Hershon, S.** Painful synovitis secondary to gout in the area of a prosthetic hip joint: a case report, **66A**, *610
with **Vigorita, V.J.** *and* **Lane, J.M.** The coexistence and characteristics of osteoarthritis and osteoporosis, **67A**, *586
with others. Acrometastases: a study of twenty-nine patients with osseous involvement of the hands and feet, **68A**, *743
Healy, W.L. *with others*. The treatment of fractures of the femoral shaft with the Brooker-Wills distal locking intramedullary nail, **68A**, *865
Heare, T.C. *with others*. Skeletal suspension in the management of severe burns in children: a sixteen-year experience, **68A**, *1375
Heater, K. *with* **Collins, P.A.** Osteosarcoma in association with infarction of bone: report of two cases, **69A**, *300
Heathcote, J.G. *with* **Noble, J.** *and* **Cohen, H.** Diabetes mellitus in the aetiology of Dupuytren's disease, **66B**, *322
with others. Aetiological studies in Dupuytren's disease, **66B**, 288
Heatley, F.W. *Book reviews*, **66B**, 795
Neuropathic osteonecrosis of the lateral femoral condyle in childhood, **67B**, 848(*discussion*)
Oxford unicompartmental meniscal knee arthroplasty: a preliminary report, **67B**, 848(*discussion*)
Radiographic assessment in patients with patellofemoral pain, **67B**, 156(*discussion*)
Supracondylar osteotomy for valgus arthritic knees, **67B**,158(*discussion*)
with **Brueton, R.N.** *and* **Brookes, M.** The effect of ultrasound on the repair of a rabbit's tibial osteotomy held in rigid external fixation, **69B**, 494
with **De Boer, P.** *and* **Benbow, A.** Tibial tubercle advancement for failed patellectomy, **67B**, 156
with **Mackechnie-Jarvis, A.C.** Acetabular reconstruction, **69B**, 155
with **Revell, W.J.** The use of glutaraldehyde-treated bovine meniscal fibrocartilage to replace osteochondral defects of the dog patella, **68B**, 842
with others. A study of 75 two-component hemi-arthroplasties: do they behave as Thompson's total hips or true bipolar prostheses?, **69B**, 488
with others. Bovine gluteraldehyde-treated tendon as a graft material: a clinical and laboratory study, **67B**, 159
Hecht, R.H. *with others*. Reactivation of tuberculous infection following total joint replacement: a case report, **65A**, *1015
Heck, C.V. The new style of medicine, **68A**, *1(*editorial*)
Heck, D.A. *with others*. The effect of load alteration on the biological and biomechanical performance of a titanium fiber–metal segmental prosthesis, **68A**, *118
Heckman, J.D. *with others*. Chronic non-haematogenous osteomyelitis treated with adjuvant hyperbaric oxygen, **69A**, 1303(*correspondence*)
with others. Chronic non-hematogenous osteomyelitis treated with adjuvant hyperbaric oxygen, **68A**, *1210
with others. Supracondylar-intercondylar fractures of the femur treated with a supracondylar plate and lag screw, **65A**, 135(*correspondence*)

Hedden, F.J. Brachial plexus repair in babies and young children, **66B**, 452(*discussion*)
The hip in myelomeningocele, **66B**, 451(*discussion*)
Hefti, F.L. *with* **McMaster, M.J.** The effect of the adolescent growth spurt on early posterior spinal fusion in infantile and juvenile idiopathic scoliosis, **65B**, *247
Hefzy, M.S. *with others.* Biomechanical analysis of human ligament grafts used in knee-ligament repairs and reconstructions, **66A**, *344
Heger, H. *with* **Millstein, S.** *and* **Hunter, G.A.** Electrically powered prostheses for the adult with an upper limb amputation, **67B**, *278
Heiberg, E. *with others.* Magnetic resonance imaging in planning limb-salvage surgery for primary malignant tumors of bone, **68A**, *809
Heideman, M. *with others.* Anaphylatoxin release in association with methylmethacrylate fixation of hip prostheses, **69A**, *46
Heikkilä, E. *with* **Ryöppy, S.** *and* **Louhimo, I.** The management of primary acetabular dysplasia: its association with habitual side-lying, **67B**, *25
Heilbronner, D.M. *with* **Renshaw, T.S.** Spondylothoracic dysplasia: a case report, **66A**, *302
Heiple, K.G. *Book reviews*, **65A**, 717; **66A**, 478; **68A**, 1133
with Marcus, R.E. *and* Balourdas, G.M. Ankle arthrodesis by chevron fusion with internal fixation and bone-grafting, **65A**, *833
with others. Immune responses of rats to frozen bone allografts, **65A**, *239
with others. Improved acceptance of frozen bone allografts in genetically mismatched dogs by immunosuppression, **66A**, *937
with others. The effect of histocompatibility matching on canine frozen bone allografts, **65A**, *89
with others. The influence of tibial-patellofemoral location on function of the knee in patients with the posterior stabilized condylar knee prosthesis, **68A**, *1035
Hejna, W. *with others.* Lumbar disc herniation: a comparison of the results of chemonucleolysis and open discectomy after ten years, **68A**, *43
Helal, B. *Book reviews*, **65B**, 107; **66B**, 154, 311
Acute injuries to the metacarpophalangeal joint of the thumb: a clinical and radiological study, **68B**, 157(*discussion*)
Freiberg's disease: a review of management, **69B**, 158
Rupture of the central slip of the extensor hood of the finger: a test for early diagnosis, **68B**, 158(*discussion*)
The ulnar impingement syndrome, **68B**, 158(*discussion*)
Total thumb reconstruction using an osteocutaneous forearm flap, **67B**, 153(*discussion*)
with **Bolton-Maggs, B.G.** *and* **Revell, P.A.** Bilateral avascular necrosis of the capitate, **66B**, *557
with **Coates, C.J.** *and* **Bolton-Maggs, B.G.** Interpositional arthroplasty in the management of the rheumatoid elbow, **69B**, 488
with **Greiss, M.** Telescoping osteotomy for pressure metatarsalgia, **66B**, *213
with **Greiss, M.E.** *and* **Henry, A.P.J.** Pressure metatarsalgia and metatarsal osteotomy, **65B**, 220
with **McAuliffe, T.** Replacement of the first metatarsophalangeal joint with a silicone elastomer ball-shaped spacer, **68B**, 845
Helfet, A.J. 100th Birthday Tribute to Sir Harry Platt, **68B**, 695
Helleland, H. *with* **Borris, L.C.** Growth disturbance of the hind part of the foot following osteomyelitis of the calcaneus in the newborn: a report of two cases, **68A**, * 302
Heller, M. *with others.* Treatment of metastatic disease of the spine with posterolateral decompression and Luque instrumentation, **68B**, 852
Hely, D. *with others.* Pathological dislocation of the hip in neurofibromatosis: a case report, **65A**, *414
Hely, D.P. *with others.* Total hip replacement for Paget's disease of the hip, **66A**, *752
Hendel, D. *with* **Mirovsky, Y.** *and* **Axer, A.** Residual shortening after osteotomy for Perthes' disease, **66B**, *184
with **Mirovsky, Y.** *and* **Halperin, N.** Abduction-traction injury of the knee, **66B**, *201
Henderson, I.J.P. *with* **Gilmour, R.** *and* **Hooper, J.C.** The Insall procedure for the anterior cruciate-deficient knee: a follow-up study, **69B**, 162
with **McQueen, A.K.** The Oxford meniscal knee: the first thirty, **68B**, *336
Henderson, J.J. *with* **Arafa, M.A.M.** Carpometacarpal dislocation: an easily missed diagnosis, **69B**, *212
Henderson, R.G. *with others.* Autologous granulocyte scanning of painful prosthetic joints, **68B**, *647
Henderson, S.A. *with* **Graham, H.K.** *and* **Piggot, J.** Injury in child motorcyclists, **69B**, 499
with **Graham, H.K.** *and* **Piggot, J.** Death and serious injury in child motorcyclists, **69B**, 489
Hendrix, M.R.G. The results of chevron osteotomies done at Tygerberg Hospital, **69B**, 685
Henin, D. *with others.* Leiomyomatosis metastasizing to the spine: a case report, **65A**, *1163
Henke, J.A. *with others.* Long-term results of tibiotalar arthrodesis, **67A**, *546
Henning, C.E. *with* **Scott, G.A.** *and* **Jolly, B.L.** Combined posterior incision and arthroscopic intra-articular repair of the meniscus: an examination of factors affecting healing, **68A**, *847
Henriksson, T-G. *with* **Olerud, S.** *and* **Engkvist, O.** A free vascularized fibular graft in lengthening of the humerus with the Wagner apparatus: report of a case in a twenty-year-old man, **65A**, *111
Henry, A.N. *Book reviews*, **66B**, 311, 795; **68B**, 167
Ambulatory day case arthroscopy: first three years' experience of day case arthroscopy in the diagnosis and management of disorders of the knee joint, **68B**, 159(*discussion*)
Assessment of prognosis of the anterior cruciate deficient knee by means of tomography of the lateral tibial plateau, **67B**, 152(*discussion*)
Congenital absence of the anterior cruciate ligament, **67B**,846(*discussion*)
Failures of arthroscopic meniscectomy, **67B**, 158(*discussion*)
Fracture-separation of articular cartilage in the adult knee, **67B**, 158(*discussion*)
Mechanical factors in the incidence of adolescent patellofemoral pain, **66B**, 279(*discussion*)
Peripheral repair as an alternative to meniscectomy, **68B**, 160(*discussion*)
Preliminary report on the use of bovine xenografts in knee instability problems, **66B**, 282(*discussion*)
Radiographic assessment in patients with patellofemoral pain, **67B**, 156(*discussion*)
Radiological and radionuclide assessment in fibrous dysplasia of bone, **68B**, 161(*discussion*)
Resection of the upper end of the femur in children with spastic quadriplegia, **66B**, 142(*discussion*)
Surgical repair of extensive idiopathic osteolysis of the pelvic girdle (Jackson-Gorham), **66B**, 148(*discussion*)
The medial shelf: an anatomical, clinical and pathological study, **66B**, 280(*discussion*)
, John Stanley Batchelor, **69B**, 674(*obituary*)
Henry, A.P.J. *with* **Fyfe, I.S.** *and* **Mulholland, R.C.** Closed vertebral biopsy, **65B**, *140
with **Greiss, M.E.** *and* **Helal, B.** Pressure metatarsalgia and metatarsal osteotomy, **65B**, 220
Hensal, F.J. *with others.* A modified Bristow–Helfet– May procedure for recurrent dislocation and subluxation of the shoulder: report of two hundred and twelve cases, **69A**, *904
Hensinger, R.N. *Book reviews*, **65A**, 1038; **66A**, 157
with **DeVito, P.D.** *and* **Ragsdale, C.G.** Changes in the cervical spine in juvenile rheumatoid arthritis, **68A**, *189
with **Irvine, G.W.** *and* **Kling, T.F., Jr.** Postoperative toxic shock syndrome following osteoplasty of the hip: a case report, **66A**, *955
with **Kling, T.F., Jr.** *and* **Bright, R.W.** Distal tibial physeal fractures in children that may require open reduction, **66A**, *647
with **Kling, T.F., Jr.** *and* **Kaufer, H.** Split posterior tibial-tendon transfers in children with cerebral spastic paralysis and equinovarus deformity, **67A**, *186
with others. Osteoid-osteoma: intraoperative tetracycline–fluorescence demonstration of the nidus, **69A**, 310(*correspondence*)
Hensley, C.D. *with* **Lin, J.J.** Massive intrasynovial deposition of calcium pyrophosphate in the elbow: a case report, **66A**, *133
Henstorf, J. *with* **Harper, M.C.** Fractures of the femoral neck associated with technical errors in closed intramedullary nailing of the femur: report of two cases, **68A**, *624
Heppenstall, R.B. *with others.* A comparative study of the tolerance of skeletal muscle to ischaemia: tourniquet application compared with acute compartment syndrome, **68A**, *820
with others. Compartment syndrome: a bioenergetic study using ^{31}P-NMR spectroscopy, **67B**, 330
with others. Optimizing tourniquet application and release times in extremity surgery: a biochemical and ultrastructural study, **67A**, *303
with others. The infected hip after total hip arthroplasty, **66A**, *1393
Herbert, T.J. Avascular necrosis of the scaphoid: partial replacement using a stabilised silicone implant, **66B**, 776
Treatment of selected patients with an ununited fracture of the proximal part of the scaphoid by excision of the fragment and insertion of a carved silicone-rubber spacer, **67A**, 345(*correspondence*)
with **Fisher, W.E.** Management of the fractured scaphoid using a new bone screw, **66B**, *114
Herberts, P. *with others.* The coracoid transfer for recurrent dislocation of the shoulder: technical aspects of the Bristow-Latarjet procedure, **65A**, *926
Herbold, D.R. *with others.* Magnetic resonance imaging in planning limb-salvage surgery for primary malignant tumors of bone, **68A**, *809
Hergenroeder, P.T. *with* **Hughston, J.C.** *and* **Courtenay, B.G.** Osteochondritis dissecans of the femoral condyles, **66A**, *1340
Herkowitz, H.N. *with* **Romeyn, R.L.** *and* **Rothman, R.H.** The indications for metrizamide myelography: relationship with complications after myelography, **65A**, *1144
with others. Sciatica from a sciatic neurilemoma: a case report and review of the literature, **68A**, *1456
with others. The use of computerised tomography in evaluating non-visualised vertebral levels caudad to a complete block on a lumbar myelogram: a review of thirty-two cases, **69A**, *218
Hermanson, B.K. *with others.* Evaluation of the use of braces to prevent injury to the knee in collegiate football players, **69A**, *2, 1468(*correspondence*)
Hermens, K.A. Fatal toxic shock syndrome as a complication of orthopaedic surgery: a case report, **66A**, 1321(*correspondence*)
Postoperative toxic shock syndrome following osteoplasty of the hip: a case report, **66A**, 1321(*correspondence*)

Herndon, D.N. *with others.* Skeletal suspension in the management of severe burns in children: a sixteen-year experience, **68A**, *1375
Herndon, W.A. *with others.* Segmental spinal instrumentation with sublaminar wires: a critical appraisal, **69A**, *851
Hernigou, Ph. *with others.* Proximal tibial osteotomy for osteoarthritis with varus deformity: a ten to thirteen-year follow-up study, **69A**, *332
Herring, J.A. *with* **Amis, J.** Iatrogenic kyphosis: a complication of Harrington instrumentation in Marfan's syndrome: a case report, **66A**, *460
with **Barnhill, B.** *and* **Gaffney, C.** Syme amputation: an evaluation of the physical and psychological function in young patients, **68A**, *573
with **Loder, R.T.** Disarticulation of the knee in children: a functional assessment, **69A**, *1155
Hershon, S. *with* **Healey, J.H.** *and* **Dines, D.** Painful synovitis secondary to gout in the area of a prosthetic hip joint: a case report, **66A**, *610
Herzenberg, J.E. *with others.* Osteoid-osteoma: intraoperative tetracycline–fluorescence demonstration of the nidus, **69A**, 310(*correspondence*)
Heselson, N.G. *with others.* Two malignant fibrous histiocytomas in bone infarcts: case report, **65A**, *1166
Hesketh, K.T. *with others.* A prospective study of parachute injuries in civilians, **69B**, *17
Heydemann, J.S. *with* **Gillespie, R.** Myelomeningocele kyphosis managed by kyphectomy and segmental spinal instrumentation, **68B**, 856
Heyes, F.L.P. *with* **Aukland, A.** Occlusion of the common femoral artery complicating total hip arthroplasty, **67B**, *533
Heymans, J.J.L. Fractures of the femoral shaft treated by the prograde insertion of flexible intramedullary pins, **67B**, 504
Heymen, G.F. *with* **Dingwall, I.M.** *and* **Nicol, R.O.** Chondrolysis in slipped upper femoral epiphysis in the New Zealand Polynesian, **68B**, 676
Heyns, D.M. *with* **van den Bout, A.** *and* **Graabe, R.P.** Stress fractures of the tibia: diagnostic pitfalls in children, **66B**, 450
Heyns, M.D. Evaluation of the healing process of bone fractures in the non-human primate using sequential technetium-99m methylene disphosphonate scintigraphy, **67B**,507(*discussion*)
Heyse-Moore, G.H. *with* **MacEachern, A.G.** *and* **Jameson Evans, D.C.** Treatment of intertrochanteric fractures of the femur: a comparison of the Richards screw-plate with the Jewett nail-plate, **65B**, *262
with **MacEachern, A.G.** Stable intertrochanteric femoral fractures: a misnomer?, **65B**, *582
Heywood, A.W.B. Mechanics of the knee and prosthesis design, **66B**, 458(*discussion*)
Rheumatoid wrist deformity and its surgical correction, **66B**, 453(*discussion*)
Staged osteotomy and osteoclasis: a safe method ofcorrecting angular deformities in long bones, **67B**, 506(*discussion*)
The cervical spine in rheumatoid arthritis, **67B**, 503(*discussion*)
The Pretoria ceramic hip prosthesis, **67B**, 502(*discussion*)
The naming of orthopaedic cherubs. *Presidential address*, South African Orthopaedic Association, **66B**, 444
Total knee replacement: a 6 to 11 year follow-up **66B**, 448(*discussion*)
with **Learmonth, I.D.** *and* **Kaye, J.C.** Total hip replacement in juvenile chronic arthritis, **69B**, 682
with **Learmonth, I.D.** *and* **Thomas, M.** Safe, simple occipitocervical fusion, **69B**, 684
with **Meyers, O.L.** Rheumatoid arthritic involvement of the thoracic and lumbar spine, **67B**, 505
with **Meyers, O.L.** Rheumatoid arthritis of the thoracic and lumbar spine, **68B**, *362
with others. Studies on rheumatoid foot deformities, **68B**, 505
Heywood, B. High tibial osteotomy for osteoarthritis of the knee, **65B**, 517(*discussion*)
The treatment of femoral fractures by cast brace application and early ambulation: a prospective review of 106 patients, **65B**, 518(*discussion*)
Heywood-Waddington, M. *with others.* The Denham knee replacement (The British Orthopaedic Study Group), **67B**, 489
Hibbert, C.S. *with* **Porter, R.W.** Neurogenic claudication treated with calcitonin, **66B**, 278
Hicks, R. *with* **Winters, T.F., Jr.** *and* **Gage, J.R.** Gait patterns in spastic hemiplegia in children and young adults, **69A**, *437
Hidaka, S. *with* **Gustilo, R.B.** Refracture of bones of the forearm after plate removal, **66A**, *1241
Hide, T.A. *with* **Conner, A.N.** *and* **Young, D.G.** Occult intraspinal anomalies and congenital scoliosis, **66A**, 1319(*correspondence*)
Higgins, R.F. *with* **Aronson, D.D.** *and* **Singer, R.M.** Skeletal traction for fractures of the femoral shaft in children: a long-term study, **69A**, *1435
Higginson, D.W. *with others.* Axon regeneration and vascularisation of nerve grafts: an experimental study, **67B**, 160
with others. The development of an unconstrained elbow arthroplasty, **66B**, *243
Higgs, R.J.E.D. *with* **Bruce, W.J.M.** *and* **Katekar, M.** Ectopic bone formation after total hip replacement, **69B**, 167
Highland, T.R. *with* **LaMont, R.L.** Osteomyelitis of the pelvis in children, **65A**, *230
Hilgartner, M.W. *with others.* Total knee arthroplasty in hemophilia, **67A**, *1361
Hill, C. *with* **Everard, J.** *and* **Mazas, T.** How to evaluate the impact of a scientific paper, **66B**, 144
Hill, J.J., Jr. *with* **Aubuchon, C.** *and* **Graham, D.R.** Atypical mycobacterial infection of soft tissue associated with use of a hot tub: a case report, **68A**, *766
Hill, N.A. *Book reviews*, **69A**, 1309
Dupuytren's contracture, **67A**, *1439(*current concepts review*)
Hill, R.J. *with* **Bell, M.J.** *and* **McMurtry, R.Y.** Ulnar impingement syndrome, **67B**, *126
with **Bell, M.J.** *and* **McMurtry, R.Y.** Acute injuries to the metacarpophalangeal joint of the thumb: a clinical and radiological study, **68B**, 157
with **McMurtry, R.Y.** *and* **Bell, M.J.** The ulnar impingement syndrome, **68B**, 158
with others. Gamekeeper's thumb: a detailed prospective study of functional bracing, **68B**, 856
Hilliar, K.M. *with others.* Early mobilisation of Colles' fractures: a prospective trial, **69B**, *727
Hills, E. *with others.* The effect of age on bone composition and viability in the femoral head, **67A**, *274
Hines, B.L. *with* **Devas, M.L.** Prevention of acetabular erosion after hemiarthroplasty for fractured neck of femur, **65B**, 219, *548
with **Gallannaugh, S.C.** *and* **Shah, V.M.** Patellofemoral malfunction following Attenborough total knee replacement, **66B**, 147
with others. A study of 75 two-component hemi-arthroplasties: do they behave as Thompson's total hips or true bipolar prostheses?, **69B**, 488
Hirasawa, Y. *with* **Chao, E.Y.S.** Iwao Yasuda, **66A**, 311(*obituary*)
with **Katsumi, Y.** *and* **Tokioka, T.** Evaluation of sensibility after sensory reconstruction of the thumb, **67B**, *814
Hirayama, T. *with others.* Operation for chronic dislocation of the radial head in children: reduction by osteotomy of the ulna, **69B**, *639
Hirohata, K. *with* **Ishikawa, H.** *and* **Ohno, O.** Long-term results of synovectomy in rheumatoid patients, **68A**, *198
with **Kawai, K.** *and* **Tamaki, A.** Steroid-induced accumulation of lipid in the osteocytes of the rabbit femoral head: a histochemical and electron microscopic study, **67A**, *755
with others. Arthritis presumably caused by chlamydia in Reiter syndrome: case report with electron microscopic studies, **68A**, *777
Hirose, H. *with others.* Reconstruction of the anterior cruciate ligament by allogenic tendon graft: an operation for chronic ligamentous insufficiency, **68B**, *739
with others. Replacement of the anterior cruciate ligament by an allogeneic tendon graft, **66B**, *672
Hirsch, M. *with others.* Congenital dislocation of the hip and computerised axial tomography, **66B**, *472
Hirschy, J. *with others.* Popliteal pseudoaneurysm: a case report, **65A**, *695
Hirst, P. *with others.* Bone grafting for protrusio acetabuli during total hip replacement: a review of the Wrightington method in 61 hips, **69B**, *229
Hirvensalo, E. *with others.* Biodegradable internal fixation for malleolar fractures: a prospective randomised trial, **69B**, *615
Hitchcock, R.J.I. *with others.* Regeneration of the sciatic nerve in rats: the effect of muscle basement membrane, **68B**, *829
Hjerpe, A. *with others.* Stereological studies on the epiphyseal growth plate in strontium-induced rickets: with special reference to the distribution of matrix vesicles, **66A**, *1274
Ho, A. *with others.* Isolation and characterization of high-buoyant-density proteoglycans from semilunar menisci, **68A**, *55
Ho, H.C. *with* **Luk, K.D.K.** *and* **Leong, J.C.Y.** The iliolumbar ligament: a study of its anatomy, development and clinical significance, **68B**, *197
Hoaglund, F.T. *with* **Dillin, L.** *and* **Scheck, M.** Brachial neuritis, **67A**, *878
with others. Diseases of the hip: a comparative study of Japanese Oriental and American white patients, **67A**, *1376
Hobbs, S. *with* **Levack, B.** *and* **Flannagan, J.P.** Results of surgical treatment of patellar fractures, **67B**, *416
Hobeika, P. *with* **Hawkins, R.J.** *and* **Brock, R.M.** Anterior acromioplasty for impingement syndrome with intact rotator cuff, **67B**, 327
with **Hawkins, R.J.** *and* **Misamore, G.** Patient selection and expectation regarding surgery for full thickness rotator cuff tears, **68B**, 848
with **Hawkins, R.J.** Patient selection and expectation regarding surgery for full-thickness rotator cuff tears, **66B**, 303
with **Zickel, R.E.** *and* **Ferrer, J.E.** The use of flexion in the reduction and fixation of slipped capital femoral epiphysis: a case report, **68A**, * 299
Hobeika, P.E. *with* **Hawkins, R.J:** *and* **Misamore, G.W.** Surgery for full-thickness rotator-cuff tears, **67A**, *1349
Hocken, D.B. *with* **Kapff, P.D.** *and* **Simpson, R.H.W.** Elastofibroma of the hand, **69B**, *468
Hodge, W.A. *with* **DeWald, R.L.** Splenic injury complicating the anterior thoracoabdominal surgical approach for scoliosis: a report of two cases, **65A**, *396
Hodgkinson, A.H.T. Osteochondritis dissecans and osteochondral fractures: a method of fixation, **65B**, 100(*discussion*)
Hodgson, B.F. *with* **Matheson, J.A.** Pyogenic infection of the sacro-iliac joint, **68B**, 676
Hodson, M. *with others.* To probe or not to probe, **68B**, 842
Hofammann, D.Y. *with* **Ferlic, D.C.** *and* **Clayton, M.L.** Arthroplasty of the basal joint of the thumb using a silicone prosthesis: long-term follow-up, **69A**, *993

* Indicates full article or appreciable part

Hoffer, M.M. *Book reviews*, **68A**, 798, 1133
Book reviews, **69A**, 318, 798
Management of the hip in cerebral palsy, **68A**, *629(*current concepts review*)
with others. Adduction contracture of the thumb in cerebral palsy: a preoperative electromyographic study, **65A**, *755
with others. Femoral varus-derotation osteotomy in spastic cerebral palsy, **67A**, *1229
Hoffman, A.D. *with* **Gray, J.E.** *and* **Peterson, H.A.** Reduction of radiation exposure during radiography for scoliosis, **65A**, *5
Hoffman, G. *with* **Klaassen, M.A.** Ewing sarcoma presenting as spondylolisthesis: report of a case, **69A**, *1089
Hoffman, H.J. *with* **Ziv, I.** *and* **Rang, M.** Paraplegia in osteogenesis imperfecta: a case report, **65B**, *184
Hofmann, A.A. *with* **Wyatt, R.W.B.** Fatal pulmonary embolism following tourniquet inflation: a case report, **67A**, *633, 1143(*correspondence*)
with others. Arthroscopic partial medial meniscectomy in the older patient, **66A**, *547
with others. Osteotomy of the first cuneiform as treatment of residual adduction of the fore part of the foot in club foot, **66A**, *985
Høgh, J. *with* **Macnicol, M.F.** The Chiari pelvic osteotomy: a long-term review of clinical and radiographic results, **69B**, *365
Holden, C.E.A. *Book reviews*, **66B**, 468
Holden, D. *with others*. Shortening of the first metatarsal as a complication of metatarsal osteotomies, **66A**, *582
Holder, S.F. *with* **Hopson, C.N.** *and* **Vonkuster, L.C.** Tuberculous arthritis of the elbow presenting as chronic bursitis of the olecranon: a case report, **67A**, *1127
Holdsworth, B.J. *with* **Fyfe, I.S.** *and* **Mossad, M.M.** Methods of fixation of olecranon fractures: an experimental mechanical study, **67B**, *367
Holford, T.R. *with others*. An epidemiological study of acute prolapsed cervical intervertebral disc, **66A**, *907
Hollingdale, J.P. *with others*. Leg-length inequality following total hip replacement: a simple method to prevent it, **69B**, 489
Hollingsworth, R.P. *Book reviews*, **66B**, 468, **69B**, 515
Holloway, I. *with* **Thomas, I.H.** *and* **Walder, D.N.** The effect of exposure to compressed air on blood flow in the rabbit femur, **65B**, 90
Holmes, P.F. *with* **Provenzano, M.P.** *and* **Tullos, H.S.** Atraumatic recurrent dislocation of hip: a case report, **69A**, *938
Holmes, R.E. *with* **Bucholz, R.W.** *and* **Mooney, V.** Porous hydroxyapatite as a bone-graft substitute in metaphyseal defects: a histometric study, **68A**, *904
Holmes, S.J.K. *with* **Sedgwick, D.M.** *and* **Scobie, W.G.** Domiciliary gallows traction for femoral shaft fractures in young children, **65B**, *288
Holmström, T. *with* **Böstman, O.M.** *and* **Riska, E.B.** Osteosarcoma arising in a melorheostotic femur: a case report, **69A**, *1232
Holt, K.S. *with others*. The use of the pneumatic orthosis in osteogenesis imperfecta, **68B**, 668
Holtby, R. *with others*. Reconstruction of the leg by vascularised osteocutaneous grafts, **66B**, 296
with others. The functional relation between the two bands of the anterior cruciate ligament, and the pivot shaft, Lachman and anterior drawer signs, **68B**, 847
Holzach, P. *with others*. Intercondylar fractures of the humerus: an operative approach, **67A**, *226
Hone, M.R. *with* **Howie, D.W.** *and* **Chatterton, B.E.** Failure of ultrasound in the investigation of sciatica, **65B**, *144
Honner, R.M. Flexor tendon grafting in the finger with an intact flexor, **68B**, 335
Hood, R.W. *with* **Micheli, L.J.** Anterior exposure of the cervicothoracic spine using a combined cervical and thoracic approach, **65A**, *992
with others. Measurement of anterior-posterior motion of the knee in injured patients using a biomechanical stress technique, **66A**, *1438
with others. The total condylar knee prosthesis in gonarthrosis: a five to nine-year follow-up of the first one hundred consecutive replacements, **65A**, *619
Hooker, C.H. A club foot philosophy, **67B**, 490
Classification of club foot deformity, **68B**, 856
Club foot: a New Zealand perspective, **68B**, *337
The science and art of orthopaedic surgery, *Presidential address*, New Zealand Orthopaedic Association, **68B**, *671
Hooper, G. *with* **Davies, R.** *and* **Tothill, P.** Blood flow and clearance in tendons, **66B**, *441
with **Davies, R.** *and* **Tothill, P.** Blood flow in tendons, **65B**, 366
with **Howie, C.R.** *and* **Hughes, S.P.F.** Occult mid-tarsal subluxation, **67B**, 672
with **Phillips, J.E.** A method of fusion of the first metatarsophalangeal joint, **67B**, 670
with **Phillips, J.E.** A simple technique for arthrodesis of the first metatarsophalangeal joint, **68B**, *774(*brief report*)
Hooper, G.J. Radiological assessment of anterior cruciate ligament deficiency: a new technique, **68B**, *292
The radiological assessment of the anterior cruciate ligament, **66B**, 610
with **Walton, D.I.** An evaluation of the bone-block iliotibial band transfer in the anterior cruciate-deficient knee, **68B**, 675
Hooper, G.J. (*continued*)
with **Walton, D.I.** Reconstruction of the anterior cruciate ligament using the bone-block iliotibial-tract transfer, **69A**, *1150
with others. Diagnosing shoulder impingement by subacromial bursography, **68B**, 675
Hooper, J.C. Tibial tubercle elevation (Maquet) for anterior knee pain, **68B**, 337
with others An interhospital criteria audit of infection in total hip joint replacement surgery, **65B**, 663
with **Gilmour, R.** *and* **Henderson, I.J.P.** The Insall procedure for the anterior cruciate-deficient knee: a follow-up study, **69B**, 162
Hopkins, J.D. Congenital dislocation of the hip, **67B**, 677(*discussion*)
Congenital dislocation of the hip in the newborn: a postnatal survey, **67B**, 674(*discussion*)
Congenital dislocation of the hip: a place for early primary surgical treatment?, **66B**, 613(*discussion*)
Hopkins, J.S. *with others*. Localisation of human osteosarcoma by antitumour monoclonal antibody, **65B**, *638
Hopkins, N.F.G. *with* **Vanhegan, J.A.D.** *and* **Jamieson, C.W.** Iliac aneurysm after total hip arthroplasty: surgical management, **65B**, *359
Hoppeler, H. *with others*. The lower-extremity musculature in chronic symptomatic instability of the anterior cruciate ligament, **67A**, *1034
Hopson, C.N. *with* **Engdahl, D.E.** *and* **Kaufman, R.A.** Computed tomography in the diagnosis of a rare plantar ganglion cyst in a child: case report, **65A**, *1348
with **Holder, S.F.** *and* **Vonkuster, L.C.** Tuberculous arthritis of the elbow presenting as chronic bursitis of the olecranon: a case report, **67A**, *1127
with others. Aseptic loosening in metal-backed acetabular components for total hip replacement: a minimum five-year follow-up, **67A**, *387
Hopwood, J. *with others*. Characterisation of physeal chondrocytes in vitro, **69B**, 166
Horan, F.T. *Book reviews*, **65B**, 372, 680; **66B**, 156, 465; **67B**, 851; **69B**, 172, 516
Injuries to the cervical spine in schoolboys playing rugby football, **66B**, 470(*editorial*)
with **Beverly, M.C.** *and* **Hutton, W.C.** Load cell analysis following Silastic arthroplasty, **69B**, 158
with **Connor, J.M.** *and* **Beighton, P.** Dysplasia epiphysialis hemimelica: a clinical and genetic study, **65B**, *350
Horibe, S. *with others*. Measurement of anterior instability of the knee: a new apparatus for clinical testing, **69B**, *608
Hornby, R. *with* **Evans, J.G.** *and* **Vardon, V.** Trochanteric fractures in the elderly, **68B**, 157
Horne, G. *with* **DeDemeter, D.** An assessment of trauma management in the Wellington area, **69B**, 166
with **Iceton, J.A.** Spondylo-epiphyseal dysplasia tarda: the X-linked variety in three brothers, **68B**, *616
Horne, G.J. Results of operative treatment of displaced external rotation-abduction fractures of the ankle, **68A**, 633(*correspondence*)
Horne, J.G. Chevron osteotomy for the treatment of hallux valgus: a review of 75 patients, **65B**, 519
Chronic musculoskeletal pain: a non-orthopaedic approach, **67B**, 678(*discussion*)
Colles' fracture in the over-sixty age group, **66B**, 613(*discussion*)
Day-case closed partial meniscectomy, **67B**, 675(*discussion*)
Delayed reconstruction of the tendo achillis, **67B**, 674(*discussion*)
Fractures of the thoracolumbar spine: a treatment protocol based on a morphological classification, **67B**,674(*discussion*)
Internal fixation of subtrochanteric fractures of the femur in young adults, **67B**, 680(*discussion*)
Recurrent lumbar disc prolapse after discectomy, **65B**, 520(*discussion*)
Resurfacing arthroplasty of the hip, **66B**, 614 (*discussion*)
with **Berry, N.R.** Iso-elastic hip arthroplasty: early experience, **68B**, 677
with **De Demeter, D.** The assessment of trauma management in the Wellington region, **67B**, 679
with **Krause, B.C.** Galeazzi fracture-dislocation revisited, **66B**, 613
with **Mills, H.J.** Fractures of the proximal humerus in adults, **67B**, 679; **68B**, 332
with **Mills, H.J.** Whiplash: a man-made disease?, **68B**, 675
with **Palmer, N.R.** *and* **Harper, G.** The role of computer-assisted tomography in the assessment of spinal fractures, **65B**, 520
with **Schemitsch, E.H.** Wilson's osteotomy for the treatment of hallux valgus, **68B**, 679
with others. Disability following tibial shaft fracture, **68B**, 678
Horoshovski, H. *with* **Pritsch, M.** *and* **Farine, I.** Arthroscopic treatment of osteochondral lesions of the talus, **68A**, *862
Horowitz, M. *with* **Cook, F.F.** Bipolar clavicular dislocation: report of a case, **69A**, *145, 953(*correspondence*)
Horsfield, D. *with* **Jones, S.N.** A useful projection in radiography of the shoulder, **69B**, *338(*brief report*)
Horsman, A. *with others*. Osteoporosis in the male, **65B**, 90
Horstman, J. *with* **Bertin, K.C.** *and* **Coleman, S.S.** Isolated fracture of the lesser trochanter in adults: an initial manifestation of metastatic malignant disease, **66A**, *770

Horwitz, S.J. *with* **McDonnell, J.M.** *and* **Makley, J.T.** Familial carpal-tunnel syndrome presenting in childhood: report of two cases, **69A**, *928
Hoshino, A. *with* **Wallace, W.A.** Impact-absorbing properties of the human knee, **69B**, *807
Hosking, D.J. *with others*. Osteomalacia and femoral neck fractures in the elderly patient, **69B**, *388
with others. Screening for osteomalacia in elderly patients with femoral neck fractures, **69B**, *765
Hosking, S.W. *with* **Scott, W.A.** *and* **Catterall, A.** Club foot, **66B**, *71
with **Scott, W.A.** *and* **Catterall, A.** Talipes equinovarus: is the tether medial or lateral?, **65B**, 221
Hougaard, K. *with* **Lindequist, S.** *and* **Nielsen, L.B.** Computerised tomography after posterior dislocation of the hip, **69B**, *556
with **Thomsen, P.B.** Coxarthrosis following traumatic posterior dislocation of the hip, **69A**, *679
Hough, A.J., Jr. *with others*. Allograft bone in spinal fusion for paralytic scoliosis, **68A**, *370
Houghton, G.R. *with* **Chase, A.P.** *and* **Bader, D.L.** The biomechanical effectiveness of the Boston brace in the management of adolescent idiopathic scoliosis, **69B**, 852
with **Cobb, A.G.** Comparison of local anaesthetic infiltration and intravenous regional anaesthesia in patients with Colles' fracture, **67B**, 845
with **Freedman, L.** Which upper Harrington distraction hook is best?, **68B**, 680
with **McInerney, A.** *and* **Tew, A.** Brace compliance in adolescent idiopathic scoliosis, **69B**, 852
with others. The predictive value of Integrated Shape Imaging System scanning, **69B**, 852
Houghton, T.A. *with* **Johnson, D.P.** *and* **Radford, P.** Anterior midline or medial parapatellar incision for arthroplasty of the knee: a comparative study, **68B**, *812
Houser, O.W. *with* **Bradway, J.K.** *and* **Kavanagh, B.F.** Post-traumatic spinal-cord cyst: a case report, **68A**, *932
Houston, A. *with* **Di Paola, M.P.** *and* **Connor, A.N.** The incidence of scoliosis in congenital heart disease, **68B**, 681
Hovelius, L. Anterior dislocation of the shoulder in teen-agers and young adults: five-year prognosis, **69A**, *393
with others. Recurrences after initial dislocation of the shoulder: results of a prospective study of treatment, **65A**, *343
with others. The coracoid transfer for recurrent dislocation of the shoulder: technical aspects of the Bristow-Latarjet procedure, **65A**, *926
Howard, C.B. *with others*. Late repair of the calcaneal tendon with carbon fibre, **66B**, *206
with **McKibbin, B.** *and* **Rálliš, Z.A.** The use of Dexon as a replacement for the calcaneal tendon in sheep, **67B**, *313
with **Tayton, K.J.J.** *and* **Gibbs, A.** The response of human tissues to carbon reinforced epoxy resin, **67B**, *656
with others. Factors affecting the incidence of hip dislocation in cerebral palsy, **67B**, *530
Howard, L. *with others*. Measurement of knee ligament laxity, **69B**, 159
Howell, C.J. *with* **Wynne-Davies, R.** The tricho-rhino-phalangeal syndrome: a report of 14 cases in 7 kindreds, **68B**, *311
Howell, S.M. *with* **Galinat, B.J.** Excessive retroversion of the glenoid cavity: a cause of non-traumatic posterior instability of the shoulder, **69A**, 632(*correspondence*)
with others. Clarification of the role of the supraspinatus muscle in shoulder function, **68A**, *398
Howie, C.R. *with* **Christie, J.** *and* **Watson, H.** A prospective randomised trial of compression screw fixation versus double divergent pin fixation for displaced subcapital fracture of the femur, **69B**, 490
with **Fulford, G.E.** *and* **Stewart, K.** Subtalar arthrodesis by cancellous grafts and metallic internal fixation: a modification of technique and long-term review, **69B**, 492
with **Hooper, G.** *and* **Hughes, S.P.F.** Occult mid-tarsal subluxation, **67B**, 672
with others. The closed interlocking femoral intramedullary nail: experience and complications in the first 100 patients, **69B**, 489
with others. Torsion of localised pigmented villonodular synovitis of the knee, **67B**, *564
Howie, D. *with others*. Bone resorption in the presence of polyethylene wear particles, **69B**, 165
Howie, D.W. *with* **Chatterton, B.E.** *and* **Hone, M.R.** Failure of ultrasound in the investigation sciatica, **65B**, *144
with **Vernon-Roberts, B.** Biocompatibility of aluminium oxide ceramic wear particles, **69B**, 165
with others. The technetium phosphate bone scan in the diagnosis of osteomyelitis in childhood, **65A**, *431
with others. The value of ^{99m}Tc methylene diphosphonate bone scanning in the diagnosis of childhood osteomyelitis, **65B**, 102
Howie, G. *with* **Lamb, G.F.** Survival after amputation for malignancy, **65B**, 519
Howie, G.R.C. CT scans for traumatic hip dislocations and posterior-rim fractures, **66B**, 612
MacIntosh over-the-top fascia substitution for chronic anterior cruciate insufficiency, **66B**, 610(*discussion*)
Howlett, E. *with* **Yong-Hing, K.** *and* **Owen, J.** Child-operated motorcycle accidents: pattern, severity and sequelae of injuries, **68B**, 854
Hoyle, M.D. *with* **Hughes, J.R.** *and* **Evans, G.A.** Asymmetry of hip abduction during the first year of life, **67B**, 149
Hoyt, W.A., Jr. *with* **Fielding, J.W.** The first fifty years of the Academy, **65A**, 1040
Hsu, J.D. Gucker, Thomas, III, **69A**, 312(*obituary*)
Hsu, L. *with* **Jaffray, D.** The Batchelor–Grice extra-articular subtalar arthrodesis, **67B**, 147
Hsu, L.C.S. *with* **Cheng, C.L.** Pott's paraplegia of late onset: recovery after anterior decompression, **68B**, 676
with **Jaffray, D.** *and* **Leong, J.C.Y.** Talectomy for club foot in arthrogryposis, **66B**, *694
with **Jaffray, D.** *and* **Leong, J.C.Y.** The Batchelor– Grice extra-articular subtalar arthrodesis, **68B**, *125
with **Lee, P.C.** *and* **Leong, J.C.Y.** Dystrophic spinal deformities in neurofibromatosis, **66B**, *495
with **Leong, J.C.Y.** Tuberculosis of the lower cervical spine (C2 to C7); **66B**, *1
with **McNicol, D.** *and* **Leong, J.C.Y.** Supramalleolar derotation osteotomy for lateral tibial torsion and associated equinovarus deformity of the foot, **65B**, *166
with **Tang, S.C.** *and* **Leong, J.C.Y.** Lambrinudi triple arthrodesis for correction of severe rigid drop-foot, **66B**, *66
with others. One-stage combined anterior and posterior excision of hemivertebrae in the lower lumbar spine, **69B**, 854
with others. Paralytic hip instability in poliomyelitis, **68B**, *528
Hu, R.W.C. *with* **Johnston, D.W.C.** Talar neck fractures, **69B**, 503
Hua, L.K. *with others*. Early diagnosis of scoliosis based on school-screening, **67A**, *1202
Huang, C.L-H. *with others*. Regeneration of the sciatic nerve in rats: the effect of muscle basement membrane, **68B**, *829
Hubbard, C.N. *with* **Richardson, E.G.** Pseudo-obstruction of the colon: a postoperative complication in orthopaedic patients, **65A**, *226, 872(*correspondence*)
Hubbard, M.J.S. Arthroscopic surgery for chondral flaps in the knee, **69B**, *794
Fracture-separation of articular cartilage in the adult knee, **67B**, 158(*discussion*)
The results of per-arthroscopic excision of chondral flaps, **68B**, 842
Tibial osteotomy: factors affecting the long-term outcome, **68B**, 160(*discussion*)
Hubbard, S. *with* **Galway, H.R.** *and* **Milner, M.** Myoelectric training methods for the preschool child with congenital below-elbow amputation: a comparison of two training programmes, **67B**, *273
Huberti, H.H. *with* **Hayes, W.C.** Patellofemoral contact pressures: the influence of Q-angle and tendofemoral contact, **66A**, *715
Huckell, G. *with others*. A prospective comparison of the cemented Kinematic II and cementless PCA total knee replacements, **69B**, 505
Huckell, J.R. Presidential address, Canadian Orthopaedic Association, **69B**, 499
with others. Composite structure fixation in total knee arthroplasty: a preliminary report of a multi-centre clinical trial, **66B**, 300
Huckstep, R.L. A prospective computer analysis of road accident injuries, **66B**, 783(*discussion*)
Acute spinal cord compression in Scheuermann's disease, **65B**, 98(*discussion*)
Cementless modular ceramic hip and femoral prosthesis, **66B**, 786
Fibula replacement of humerus, **65B**, 101
Fractures of the shaft of femur in road traffic accidents, **66B**, 783
Glenoid osteotomy for recurrent posterior dislocation of the shoulder, **67B**, 496(*discussion*)
Intramedullary compression nail for difficult femoral fractures, **67B**, 494
Modular cementless ceramic and titanium shoulder and humeral prosthesis, **69B**, 165
Posterior tibial neurovascular decompression in plantar ulcers in leprosy, **67B**, 497(*discussion*)
Recurrent dislocation of the shoulder treated by titanium staple and screw fixation, **65B**, 674
Results of the treatment of osteosarcoma, **66B**, 785(*discussion*)
The technique and efficacy of manipulation in the frozen shoulder syndrome, **67B**, 495(*discussion*)
Treatment of the "acute locked back" by spinal manipulation, **67B**, 500(*discussion*)
with **Tyer, H.D.** *and* **Gray, P.** Hip revision in the presence of gross bone destruction, **69B**, 165
with others. Design of a cementless modular ceramic knee with screw fixation: "a preliminary report", **68B**, *336
Hudson, D.A. *with* **De Beer, J. De V.** Isolated traumatic dislocation of the radial head in children, **68B**, *378
Hudson, R.C. Current techniques and results of treatment by 90/90 back traction, **66B**, 779(*discussion*)
Low back pain with femoral neuritis, **66B**, 785(*discussion*)
Percutaneous orthopaedic surgery, **66B**, 778(*discussion*)
Posterior lumbar spinal fusion with sparing of the iliac crest: a long-term review of the first 100 patients in a personal series, **66B**, 786

* Indicates full article or appreciable part

Hudson, T. *with others.* The meaning of radiolucencies in parosteal osteosarcoma, **67A**, *901
Hudson, T.M. *with others.* The comparative value of bone scintigraphy and computed tomography in determining bone involvement by soft-tissue sarcomas, **66A**, *1400
Huebner, J.J.,Jr. *with* **Louis, D.S.** *and* **Hankin, F.M.** Rupture and displacement of the ulnar collateral ligament of the metacarpophalangeal joint of the thumb: preoperative diagnosis, **68A**, *1320
Hughes, A.W. Prevention of pressure sores in patients with femoral neck fractures, **69B**, 157
with others. Sarcoma at the site of a single hip screw: a case report, **69B**, *470
Hughes, G.N.F. *with* **Miller, S.D.** *and* **Bray, R.C.** Antibiotics in open fractures: a prospective randomised double-blind study of wound infection, **68B**, 850
Hughes, J. *with* **Klenerman, L.** A comparative investigation of the clinical value of different methods of measuring foot pressures, **68B**, 843
with **Klenerman, L.** Surgical footwear: an assessment of the place of ready-made extra-depth shoes, **68B**, 845
Hughes, J.R. Acute rupture of the lateral ligament of the ankle: to suture or not to suture?, **67B**, 145(*discussion*)
A long-term review of tibialis anterior tendon transfer in congenital club foot, **67B**, 490(*discussion*)
Congenital dislocation of the hip: neonatal screening and its accuracy, **67B**, 487
The congenital flat foot: a borderline condition between the congenital vertical talus and the severe flat foot, **67B**, 490(*discussion*)
with **Evans, G.A.** *and* **Kendig, R.J.** How does femoral osteotomy influence the natural history of Perthes' disease?, **68B**, 154
with **Grace, D.L.** *and* **Klenerman, L.** Comparison of Hohmann and Wilson metatarsal osteotomies, **69B**, 678
with **Hoyle, M.D.** *and* **Evans, G.A.** Asymmetry of hip abduction during the first year of life, **67B**, 149
with **Stainsby, G.D.** The long and the short of it: a matter of dominance, **68B**, 156
with others. The relationship of ligamentous clicks arising from the newborn hip and congenital dislocation, **67B**, 491
Hughes, S.I. *with others.* An analysis of elbow flexion reconstructive procedures after brachial plexus injuries, **69B**, 488
Hughes, S.P.F. *with* **Fleming, R.H.** The effect of hyperbaric exposure on isolated lipocytes, **67B**, 160
with **Howie, C.R.** *and* **Hooper, G.** Occult mid-tarsal subluxation, **67B**, 672
with **Law, H.T.** *and* **Minns, R.A.** A new apparatus for the measurement of spatial and temporal parameters of gait, **69B**, 493
with **McCarthy, I.D.** Bone cell metabolism and exchangeable mineral, **68B**, 495
with **McCarthy, I.D.** Extraction and fractional escape rate of strontium-85 and ^{99m}Tc-MDP in the canine tibia, **67B**, 846
with **McCarthy, I.D.** *and* **Davies, R.** The response of the microcirculation in bone to the administration of noradrenaline and ATP, **67B**, 319
with others. Electrical stimulation of fracture healing assessed by the extraction of methylene diphosphonate, **65B**, 364
with others. Prediction of fracture healing in the tibia by quantitative radionuclide imaging, **69B**, *441
with others. Recurrent dislocation of the patella: histochemical and electromyographic evidence of primary muscle pathology, **69B**, *790
with others. The Princess Margaret Rose Orthopaedic Hospital halo-body fixation system, **66B**, 148
with others. The effect of induced electric currents on bone after experimental osteotomy in sheep, **67B**, *463
with others. The mechanism of diffusion of antibiotics through acrylic bone cements, **69B**, 497
with others. The prediction of non-union in tibial fractures using quantitative bone scanning and fracture shift, **66B**, 287; **67B**, 146
with others. The volume of distribution of albumin and methylene diphosphonate in normal and infected bone, **68B**, 841
Hughston, J.C. *with* **Baker, C.L., Jr.** *and* **Norwood, L.A.** Acute posterolateral rotatory instability of the knee, **65A**, *614
with **Barrett, G.R.** Acute anteromedial rotatory instability: long-term results of surgical repair, **65A**, *145
with **Flandry, F.** Pigmented villonodular synovitis, **69A**, *942(*current concepts review*)
with **Hergenroeder, P.T.** *and* **Courtenay, B.G.** Osteochondritis dissecans of the femoral condyles, **66A**, *1340; **67A**, 664(*correspondence*), 665(*correspondence*)
with **Jacobson, K.E.** Chronic posterolateral rotatory instability of the knee, **67A**, *351
Hugo, E.P. Chemonucleolysis for herniated intervertebral discs, **67B**, 505(*discussion*)
Hui, D.S. *with others.* Early diagnosis of scoliosis based on school-screening, **67A**, *1202
Hui, H.P. *with others.* Early diagnosis of scoliosis based on school-screening, **67A**, *1202
Hukuda, S. *with others.* Operations for cervical spondylotic myelopathy: a comparison of the results of anterior and posterior procedures, **67B**, *609
Hulin, P.H. *with* **Kaelin, A.** *and* **Carlioz, H.** Congenital aplasia of the cruciate ligaments: a report of six cases, **68B**, *827
Hull, R.D. *with* **Raskob, G.E.** *and* **Lofthouse, R.N.** Methodological guidelines for clinical trials evaluating new therapeutic approaches in bone and joint surgery, **67A**, *1294(*current concepts review*)
with **Raskob, G.E.** Prophylaxis of venous thromboembolic disease following hip and knee surgery, **68A**, *146(*current concepts review*), 1304(*correspondence*), 1465(*correspondence*)
Hult, E. *with others. In vivo* measurements of spinal column vibrations, **68A**, *695
with others. In Vivo measurements of spinal column vibrations, **69A**, 634(*correspondence*)
Humphrey, M. *with others.* Leiomyosarcoma of the saphenous vein: a case report and review of the literature, **69A**, *282
Humphreys, S. *with others.* Early avascular necrosis of the femoral head: report of a case and review of the literature, **68B**, *414
Humphries, J.R. *with others.* Radiation exposure and associated risks to operating-room personnel during use of fluoroscopic guidance for selected orthopaedic surgical procedures, **65A**, *1
Humphries, M.J. *with others.* Bone and joint tuberculosis, **66B**, *326
Hungerford, D. Paul Ficat, **68A**, 792(*obituary*)
Hungerford, D.S. Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **69A**, 153(*correspondence*)
with **Davis, R.F.** *and* **Jones, L.C.** The effect of sympathectomy on blood flow in bone: regional distribution and effect over time, **69A**, *1384
with **Katz, M.M.** Reflex sympathetic dystrophy affecting the knee, **69B**, *797
with others. Results of total knee arthroplasty after failed proximal tibial osteotomy for osteoarthritis, **69A**, *225
Hunt, D.M. A model for the study of free vascularised nerve grafts, **65B**, 659
with **Morley, T.R.** *and* **Webb, P.J.** A revised skin incision for operations on the posterior iliac crest and sacro-iliac joint, **66B**, 146
Hunt, R.M. *with* **Brighton, C.T.** Histochemical localization of calcium in the fracture callus with potassium pyroantimonate: possible role of chondrocyte mitochondrial calcium in callus calcification, **68A**, *703
Hunter, G. *with others.* Management of the upper limb deficient child with a powered prosthetic device, **67B**,333
Hunter, G.A. *with* **Allen, J.** Use of the Richards compression hip screw system in displaced femoral neck fractures, **66B**, 295
with **Heger, H.** *and* **Millstein, S.** Electrically powered prostheses for the adult with an upper limb amputation, **67B**, *278
with **McCowan, S.** *and* **Millstein, S.** Traumatic partial foot amputations: a long-term follow-up study, **69B**, 503
with **McElwain, J.P.** *and* **English, E.** Syme's amputation in adults: a long-term review, **68B**, 849
with others. A six-year follow-up of infected total hip replacements managed by Girdlestone's arthroplasty, **66B**, *340
Hunter, J.M. *with others.* Two-stage flexor-tendon reconstruction: ten-year experience, **68A**, *752
Hunter, J.R. *with* **Brentlinger, A.** Perforation of the external iliac artery and ureter presenting as acute hemorrhagic cystitis after total hip replacement: report of a case, **69A**, *620, 1304(*correspondence*)
Hunter, L.Y. *Book reviews*, **65A**, 286
Hunter, M.H. *with* **Panting, A.L.** Spontaneous rupture of the deltoid, **65B**, 518
Hunziker, E.B. *with* **Cowell, H.R.** *and* **Rosenberg, L.** The role of hypertrophic chondrocytes in endochondral ossification and in the development of secondary centers of ossification, **69A**, 159(*editorial*)
with **Schenk, R.K.** *and* **Cruz-Orive, L.-M.** Quantitation of chondrocyte performance in growth-plate cartilage during longitudinal bone growth, **69A**, *162
Hurst, P. *with others.* Problems with the Attenborough knee prosthesis, **65B**, 226
Hurwitz, S. The effects of indirect blunt trauma on adult canine articular cartilage, **66A**, 152(*correspondence*)
Husseini, N. *with* **Edelson, J.G.** The pulseless club foot, **66B**, *700
with **Sharon, R.** *and* **Weinberg, H.** An unusually high incidence of homozygous MM in ankylosing spondylitis, **67B**, *122
Hussenius, A. *with others.* Recurrences after initial dislocation of the shoulder: results of a prospective study of treatment, **65A**, *343
Hutchins, P.M. *with* **Macnicol, M.F.** Pulmonary insufficiency after long bone fractures: absence of circulating fat or significant immunodepression, **67B**, *835
with others. Long-term results of early surgical release in club feet, **67B**, *791
with others. The development of tibiofibular torsion in normal and clubfoot populations, **69B**, 491
Hutson, M.A. *with others.* A prospective study of the treatment of acromioclavicular dislocation, **66B**, 279
Hutton, P. *with* **Ferris, B.** Anteriorly displaced transverse fracture of the sacrum at the level of the sacro-iliac joint: a report of two cases, **65A**, *407

Hutton, P.A.N. *with* **Aichroth, P.M.** *and* **Jones, C.B.** Lengthening of the lower limb: experiences and complications of the Wagner method, **66B**, 149
with **Jackson, A.M.** Injection-induced contractures of the quadriceps in childhood: a comparison of proximal release and distal quadriceps-plasty, *97, **67B**, 490(*discussion*)
with **Muirhead-Allwood, W.** *and* **Glasgow, M.M.S.** A comparative study of cemented and uncemented Thompson prostheses, **65B**, 218
with others. One-stage transoral anterior decompression and posterior stabilisation in cervical myelopathy complicating rheumatoid arthritis, **67B**, 498
with others. Osteoid osteoma and benign osteoblastoma of the spine, **66B**, *21
with others. The behaviour pattern of the scoliosis associated with osteoid osteoma or osteoblastoma of the spine, **66B**, *16
Hutton, W.C. *Book reviews*, **67B**, 344
with **Adams, M.A.** The effect of fatigue on the lumbar intervertebral disc, **65B**, *199
with **Adams, M.A.** The effect of posture on the lumbar spine, **67B**, *625
with **Adams, M.A.** *and* **Dolan, P.** The stages of disc degeneration as revealed by discograms, **68B**, *36
with **Afoke, N.Y.P.** *and* **Byers, P.D.** Contact pressures in the human hip joint, **69B**, *536
with **Afoke, N.Y.P.** *and* **Byers, P.D.** Hip joint incongruity and load distribution, **65B**, 91
with **Beverly, M.C.** *and* **Horan, F.T.** Load cell analysis following Silastic arthroplasty, **69B**, 158
with **Dolan, P.** *and* **Adams, M.A.** The short-term effects of chymopapain on intervertebral discs, **69B**, *422
with **Dunlop, R.B.** *and* **Adams, M.A.** Disc space narrowing and the lumbar facet joints, **66B**, *706
with others. Tendon implantation into bone: an experimental study, **67B**, 844
Huurman, W.W. *Book reviews*, **66A**, 157
with others. Limb-length discrepancy measured with computerized axial tomographic equipment, **69A**, *699
Huvos, A. *with others*. Pelvic Ewing's sarcoma: advances in treatment, **65A**, *738
Hyndman, J.C. *with* **Chess, D.G.** *and* **Leahey, J.L.** Short arm plaster for paediatric distal forearm fractures, **69B**, 506
with **Leighton, R.K.** Acute haematogenous osteomyelitis, **67B**, 332
Hynes, D.M. *with* **Allum, R.L.** *and* **Galway, H.R.** Video-fluoroscopy in orthopaedic surgery, **65B**, 365

I

Iannotti, J.P. *with others*. Calcium flux and endogenous calcium content in isolated mammalian growth-plate chondrocytes, hyaline-cartilage chondrocytes, and hepatocytes, **67A**, *113
Ibrahim, K. *with* **Trotter, D.** *and* **Zindrick, M.** An unusual presentation of an osteochondroma: report of a case, **66A**, *299
Iceton, J. *with* **Harris, W.R.** Results of pectoralis major transfer for winged scapula, **67B**, 327
with **Harris, W.R.** Treatment of winged scapula by pectoralis major transfer, **69B**, *108
Iceton, J.A. *with* **Horne, G.** Spondylo-epiphyseal dysplasia tarda: the X-linked variety in three brothers, **68B**, *616
with others. Disability following tibial shaft fracture, **68B**, 678
Ichtertz, D.R. *with* **Slabaugh, P.** Thrombosis of the tibial artery associated with simultaneous fractures of the femur, tibia, and fibula: report of a case, **69A**, *775
Idzikowski, C. *with* **Kim, W.C.** *and* **Shaffer, J.W.** Failure of treatment of ununited fractures of the carpal scaphoid: the role of non-compliance, **65A**, *985
Ierodiaconou, M.N. *with others*. Conservative treatment of congenital dislocation of the hip in infants aged two to eight months, **67B**, 491
Iftikhar, T.B. *with* **Kamiński, R.S.** *and* **Silva, I., Jr.** Neurovascular complications of the modified Bristow procedure: a case report, **66A**, *951
with others. Spontaneous rupture of the extensor mechanism causing ulnar dislocation of the long extensor tendon of the long finger: two case reports, **66A**, *1108; **67A**, 346(*correspondence*), 505(*correspondence*)
Iggo, A. Cutaneous sensory mechanisms, **68B**, *19
with others. Peripheral nerve injuries, **68B**, *2(*symposium*)
Ikard, S.T. *with* **Canale, S.T.** The orthopaedic implications of purpura fulminans, **66A**, *764
Ikeda, T. *with others*. Atlanto-axial subluxation with spondyloschisis in Down syndrome: case report, **67A**, *1414
Ikuta, S. *with others*. Arthritis presumably caused by chlamydia in Reiter syndrome: case report with electron microscopic studies, **68A**, *777
Illingworth, G. *with* **Suman, R.K.** *and* **Stother, I.G.** Diagnostic arthroscopy of the knee in children, **67B**, 675
with **Suman, R.K.** *and* **Stother, I.G.** Diagnostic arthroscopy of the knee in children, **66B**, *535
Illingworth, K.G. *with others*. Depressed fibrinolytic activity in patients with chronic back pain syndromes, **68B**, 840
Ilstrup, D.M. *with* **Kavanagh, B.F.** *and* **Fitzgerald, R.H., Jr.** Revision total hip arthroplasty, **67A**, *517
with others. Complications and mortality associated with bilateral or unilateral total knee arthroplasty, **69A**, *484
Imai, T. *with others*. Surgical treatment of cervical spondylotic myelopathy complicating athetoid cerebral palsy, **66B**, *504
Imbert, J.C. *with others*. Surgical repair of extensive idiopathic osteolysis of the pelvic girdle (Jackson-Gorham), **66B**, 148
Immelman, E.J. *with* **Aitken, R.J.** *and* **Mills, C.** The postphlebitic syndrome following shaft fractures of the leg: a significant late complication, **69B**, *775
with **Mills, C.** *and* **Aitken, R.J.** The incidence and significance of the post-phlebitic limb following shaft fracture of the leg, **68B**, 506
with **Mills, C.** *and* **Dall, G.** Thrombo-embolus prophylaxis in orthopaedic surgery: an international survey, **68B**, 506
Imobersteg, A.M. *with others*. Clarification of the role of the supraspinatus muscle in shoulder function, **68A**, *398
Imsley, K. *with* **Nade, S.M.L.** Experimental staphylococcal osteomyelitis: the effects of a metaphyseal drill hole, **68B**, 333
Imura, S. *with others*. Peroneal island flap for skin defects in the lower extremity, **67A**, *935
Indelicato, P.A. Non-operative treatment of complete tears of the medial collateral ligament of the knee, **65A**, *323
Inglis, A. *with others*. Total hip arthroplasty in juvenile rheumatoid arthritis: two to eleven-year results, **68A**, *502
Inglis, A.E. *with* **Lachiewicz, P.F.** *and* **Ranawat, C.S.** Total ankle replacement in rheumatoid arthritis, **66A**, *340
with others. Total knee arthroplasty in hemophilia, **67A**, *1361
Inglis, G. *with* **Buxton, R.A.** *and* **Macnicol, M.F.** Symptomatic calcaneonavicular bars: the results 20 years after surgical excision, **68B**, *128
Inglis, G.S. Closed partial meniscectomy for mechanical symptoms: early results, **65B**, 517(*discussion*)
Unicompartmental arthroplasty of the knee, **66B**, *682
with **Morkane, A.J.** *and* **Robertson, R.W.** Segmental phenolisation for the treatment of ingrown toenails: a randomised controlled study, **65B**, 519
Innes, A.R. *with* **Stewart, H.D.** *and* **Burke, F.D.** Functional cast-bracing for Colles' fractures: a comparison between Orthoplast cast-bracing and conventional plaster cast, **66B**, 286, *749
Innocenti, M. *with others*. Scheuermann's disease and lumbar disc disorder, **65B**, 669
with others. The long-term results of wedge and compression fractures of the dorsolumbar spine without neurological involvement, **68B**, 334
Inoue, A. *with* **Saito, S.** *and* **Ono, K.** Intramedullary haemorrhage as a possible cause of avascular necrosis of the femoral head: the histology of 16 femoral heads at the silent stage, **69B**, *346
with others. Locking of the metacarpophalangeal joint of the thumb, **67A**, *782
Inoue, H. *with others*. Locking of the metacarpophalangeal joint of the thumb, **67A**, *782
Inoue, M. *with others*. Measurement of anterior instability of the knee: a new apparatus for clinical testing, **69B**, *608
with others. Reconstruction of the anterior cruciate ligament by allogenic tendon graft: an operation for chronic ligamentous insufficiency, **68B**, *739
with others. Replacement of the anterior cruciate ligament by an allogeneic tendon graft, **66B**, *672
Insall, J.N. The posterior stabilized condylar prosthesis: a modification of the total condylar design: two to four-year clinical experience, **65A**, 1030(*correspondence*)
with **Joseph, D.M.** *and* **Msika, C.** High tibial osteotomy for varus gonarthrosis: a long-term follow-up study, **66A**, *1040
with **Merkow, R.L.** *and* **Soudry, M.** Patellar dislocation following total knee replacement, **67A**, *1321
with **Thompson, F.M.** *and* **Brause, B.D.** Two-stage reimplantation for the salvage of infected total knee arthroplasty, **65A**, *1087
with others. Deep-vein thrombosis following total knee replacement: an analysis of six hundred and thirty-eight arthroplasties, **66A**, *194
with others. Idiopathic osteonecrosis of the knee: aetiology, prognosis and treatment, **65B**, *588
with others. Measurement of anterior-posterior motion of the knee in injured patients using a biomechanical stress technique, **66A**, *1438
with others. Successive bilateral total knee replacement, **67A**, *573
with others. The total condylar knee prosthesis in gonarthrosis: a five to nine-year follow-up of the first one hundred consecutive replacements, **65A**, *619; **66A**, 472(*correspondence*)
with others. Total knee arthroplasty in hemophilia, **67A**, *1361
Inui, M. *with others*. Histological development of intervertebral disc herniation, **68A**, *1066

Ions, G.K. *with* **Quinby, J.M.** *and* **Stevens, J.** A two-year prospective study of intracapsular femoral neck fractures: mortality and mechanical failure, **68B**, 157
with **Stevens, J.** Prediction of survival in patients with femoral neck fractures, **69B**, *384
with others. An ultrasonic method for measuring spinal curvature, **67B**, 320
with others. Radiation-free demonstration of spinal shape, **68B**, 679
Ions, K. *with* **Stevens, J.** A computerised study of high femoral fractures: initial results, **67B**, 146
Ip, F.K. *with others. Mycobacterium marinum* infection of the hand and wrist: results of conservative treatment in twenty-four cases, **69A**, *1161
Ippolito, E. *with* **Caterini, R.** *and* **Scola, E.** Supracondylar fractures of the humerus in children: analysis at maturity of fifty-three patients treated conservatively, **68A**, *333, 1304(*correspondence*)
with **Tudisco, C.** *and* **Farsetti, P.** The long-term prognosis of unilateral Perthes' disease, **69B**, *243
with **Tudisco, C.** *and* **Massobrio, M.** Long-term results of open sternocleidomastoid tenotomy for idiopathic muscular torticollis, **67A**, *30
Ippolito, E.G. *with* **Farsetti, P.** *and* **Tudisco, C.** Vertebra plana: long-term follow-up in five patients, **66A**, *1364
with others. Legg-Calvé-Perthes disease: histochemical and ultrastructural observations of the epiphyseal cartilage and physis, **65A**, *797
Irei, O. *with others.* Configuration of the laminae and the facet joints of the lumbar spine and their clinical significance in degenerative spondylolisthesis, **67B**,499
Ireland, D.C. *with* **Kiss, Z.** Wrist arthrography: a diagnostic aid to treatment, **69B**, 163
Ireland, D.C.R. Common wrist instability, **65B**, 98
Volar plate arthroplasty, **65B**, 667
Ireland, J. *Book reviews*, **68B**, 516; **69B**, 515
Congenital absence of the anterior cruciate ligament, **67B**, 846(*discussion*)
Posterolateral instability of the knee, **67B**, 157(*discussion*)
Supracondylar osteotomy for valgus arthritic knees, **67B**, 158(*discussion*)
with **Leyshon, A.** *and* **Trickey, E.L.** The treatment of delayed union and non-union of the carpal scaphoid by screw fixation, **66B**, *124
Ireland, M.L. *with* **Micheli, L.J.** Bilateral stress fracture of the lumbar pedicles in a ballet dancer: a case report, **69A**, *140
Irons, G.B. *with others.* Local muscle flaps in the treatment of chronic osteomyelitis, **67A**, *175
Irvine, G.B. *with* **Chalmers, J.** Fractures of the femoral neck in hyperparathyroidism, **69B**, 490
with **Dias, J.J.** *and* **Finlay, D.B.L.** Segond fractures of the lateral tibial condyle, **69B**, *613(*brief report*)
with **Strachan, W.E.** The long-term results of anterior cervical decompression fusion in spondylotic myelopathy, **66B**, 611
Irvine, G.W. Postoperative toxic shock syndrome following osteoplasty of the hip: a case report, **67A**, 504(*correspondence*)
with **Kling, T.F., Jr.** *and* **Hensinger, R.N.** Postoperative toxic shock syndrome following osteoplasty of the hip: a case report, **66A**, *955
Irving, G.A. *with* **Noakes, T.D.** The protective role of local hypothermia in tourniquet-induced ischaemia of muscle, **67B**, *297
Isaac, G.H. *with others.* External wear of the polyethylene socket in cemented total hip arthroplasty, **69B**, *61
with others. The role of cement and roughening upon the penetration rate of femoral heads into acetabular cups of Charnley prostheses, **68B**, 496
Isaacson, D.C. *with others.* Radiographic features of the spine in fluoride therapy for osteoporosis, **69B**, *190
Isherwood, I. *with others.* CT scanning in total hip replacement for secondary osteoarthritis in CDH, **68B**, 669
Ishiguro, T. *with others.* Transfer of latissimus dorsi to replace a paralysed anterior deltoid: a new technique using an inverted pedicled graft, **69B**, *647
Ishii, K. *with others.* Fracture through a synchrondosis of the anterior arch of the atlas, **69B**, *483(*brief report*)
Ishii, S. *with* **Usui, M.** *and* **Sakata, H.** Effect of fluorocarbon perfusion upon the preservation of amputated limbs: an experimental study, **67B**, *473
Ishikawa, H. *with* **Ohno, O.** *and* **Hirohata, K.** Long-term results of synovectomy in rheumatoid patients, **68A**, *198
with others. Arthritis presumably caused by chlamydia in Reiter syndrome: case report with electron microscopic studies, **68A**, *777, 1466(*correspondence*)
Ishikawa, K. *with* **Ogata, M.** *and* **Ohira, T.** Cervical myelopathy in pseudogout: case report, **66A**, *1301
with **Ohira, T.** Hydroxyapatite deposition in articular cartilage by intra-articular injections of methylprednisolone: a histological, ultrastructural and x-ray-microprobe analysis in rabbits, **68A**, *509
Israeli, A. *with others.* Cementless salvage of failed total hip arthroplasty: four years' experience with the ceramic coated Bousquet prosthesis, **69B**, 509
Israelite, C. *with others.* Quantitative gait analysis after unilateral or bilateral total knee replacement, **69A**, *1340
Itakura, H. *with others.* Rupture of the extensor tendons of the fingers: report of three unusual cases, **68A**, *610
Itoh, Y. *with others.* Transfer of latissimus dorsi to replace a paralysed anterior deltoid: a new technique using an inverted pedicled graft, **69B**, *647
Iwai, Y. *with others.* Free vascularized fibular transplant: a new method for monitoring circulation of the grafted fibula, **65A**, *1295
Iwano, K. *with* **Kudo, H.** *and* **Yoshizawa, H.** Cervical cord compression due to extradural granulation tissue in rheumatoid arthritis, **66B**, *426
Iwasaki, K. Treatment of congenital dislocation of the hip by the Pavlik harness: mechanism of reduction and usage, **65A**, *760
Iwegbu, C.G. *with* **Fleming, A.F.** Avascular necrosis of the femoral head in sickle-cell disease: a series from the Guinea Savannah of Nigeria, **67B**, *29
Iyer, S. *with others.* A study of wound haematoma after hip surgery using ultrasound, **68B**, 497
Iyer, V. *with others.* The Princess Margaret Rose Orthopaedic Hospital halo-body fixation system, **66B**, 148
Izquierdo, J.L.B. Dysplasia of the knee associated with the syndrome of thrombocytopenia and absent radius, **66A**, 1494(*correspondence*)

J

Jablon, M. *with* **Finder, J.G.** *and* **Ellman, M.H.** Massive synovial hypertrophy in Reiter's syndrome: a case report, **65A**, *555
with others. Retrosternal dislocation of the clavicle: report of four cases, **66A**, *287
Jackins, S.E. *with others.* Total shoulder arthroplasty, **69A**, *865
Jackman, J.S.G. *with others.* A study of wound haematoma after hip surgery using ultrasound, **68B**, 497
Jackson, A.M. *Book reviews*, **66B**, 796
A review of the treatment of congenital knee dislocation, **67B**, 847(*discussion*)
Diagnostic criteria for nerve root involvement in backache, **65B**, 223(*discussion*)
Meniscectomy in children, **67B**, 847(*discussion*)
with **Citron, N.D.** *and* **Paterson, F.W.N.** Neuropathic osteonecrosis of the lateral femoral condyle in childhood: a report on four cases, **68B**, *96
with **Citron, N.D.** *and* **Paterson, F.W.N.** Neuropathic osteonecrosis of the lateral femoral condyle in childhood, **67B**, 848
with **Greenough, C.G.** *and* **Bromage, D.** *In situ* pinning of the slipped upper femoral epiphysis: a trouble free procedure?, **68B**, 155
with **Hutton, P.A.N.** Injection-induced contractures of the quadriceps in childhood: a comparison of proximal release and distal quadricepsplasty, **67B**, *97; **67B**, 490
with **Lloyd-Roberts, G.C.** *and* **Albert, J.S.** Avulsion of the distal pole of the patella in cerebral palsy: a cause of deteriorating gait, **67B**, *252, 846(*discussion*)
with **Nelson, I.W.** *and* **Thomas, N.P.** Lateral subluxation of the patella in extension, **67B**, 847
with **Pozo, J.L.** *and* **Kirwan, E.O'G.** The long-term results of conservative management of severely displaced fractures of the calcaneus, **66B**, *386
with **Thomas, N.P.** *and* **Aichroth, P.M.** Congenital absence of the anterior cruciate ligament: a common component of knee dysplasia, **67B**, *572, 846(*discussion*)
Jackson, J.P. Avulsion of the distal pole of the patella in cerebral palsy, **67B**, 846(*discussion*)
Meniscectomy in children, **67B**, 847(*discussion*)
Oxford unicompartmental meniscal knee arthroplasty: a preliminary report, **67B**, 848(*discussion*)
Jackson, R.K. *Book reviews*, **67B**, 513
with **Maxted, M.J.** Innominate osteotomy in Perthes' disease: a radiological survey of results, **67B**, *399
with **Thacker, C.R.** Anterior interbody fusion of the lumbar spine: results after 12 years, **69B**, 157
with others. Comparison of epidural responses from right and left posterior tibial nerves during surgery for scoliosis, **69B**, 854
Jackson, R.W. Arthroscopic surgery, *416(*current concepts review*)
with **Frank, C.** A long-term evaluation of lateral substitution for isolated chronic anterior cruciate ligament deficiency, **68B**, 848
with **Northmore-Ball, M.D.** *and* **Dandy, D.J.** Arthroscopic, open partial, and total meniscectomy: a comparative study, **65B**, *400
with **Ogilvie-Harris, D.J.** The arthroscopic treatment of chondromalacia patellae, **66B**, *660
with **Ogilvie-Harris, D.J.** The role of arthroscopic surgery in the management of chondromalacia patellae, **66B**, 304
with others Physically disabled: fitness testing, **65B**, 102
with others. The functional relation between the two bands of the anterior cruciate ligament, and the pivot shaft, Lachman and anterior drawer signs, **68B**, 847
Jackson, S.T. *with* **Baird, R.A.** Fractures of the distal part of the fibula with associated disruption of the deltoid ligament: treatment without repair of the deltoid ligament, **69A**, *1346
Jackson, W.T. *with others.* Anatomical variations in the first extensor compartment of the wrist: a clinical and anatomical study, **68A**, *923
Jacob, R.P. *with* **Stäubli, H.U.** *and* **Deland, J.T.** Grading the pivot shift: objective tests with implications for treatment, **69B**, *294

Jacobs, D.M. *with* **Lipton, M.H.** *and* **Russell, S.M.** Anaphylactic reactions following intradiscal injection of chymopapain under local anesthesia, **66A**, 806(*correspondence*)
Jacobs, M.A. *with others*. Kinematic total knee replacement, **66A**, *1032
Jacobs, P.A. *with others*. Functional performance after excision of the vastus lateralis and vastus intermedius: a case report, **65A**, *856
with others. Functional performance after tibial rotationplasty, **67A**, *392
Jacobs, R. *with* **Gertzbein, S.D.** *and* **Stoll, J.** Results of a locking hook spinal rod system for fractures of the thoracic and lumbar spine, **68B**, 853
Jacobs, R.R. *with* **Woods, G.A.** *and* **Hassanein, R.** Evaluation of the use of braces to prevent injury to the knee in collegiate football players, **69A**, 1467(*correspondence*) *with others*. The neurological outcome following surgery for spinal fractures, **69B**, 511
Jacobs, S.R. Treatment of trapezius paralysis, **68A**, 951(*correspondence*)
Jacobsen, F.S. *with others*. Limb-length discrepancy measured with computerized axial tomographic equipment, **69A**, *699
Jacobsen, S.T. *with* **Levinson, J.E.** *and* **Crawford, A.H.** Late results of synovectomy in juvenile rheumatoid arthritis, **67A**, *8
with others. The Syme amputation in patients with congenital pseudoarthrosis of the tibia, **65A**, *533
Jacobson, K.E. *with* **Hughston, J.C.** Chronic posterolateral rotatory instability of the knee, **67A**, *351
Jaffray, D. *with* **Hsu, L.** The Batchelor–Grice extra-articular subtalar arthrodesis, **67B**, 147
with **Hsu, L.C.S.** *and* **Leong, J.C.Y.** Talectomy for club foot in arthrogryposis, **66B**, *694
with **Hsu, L.C.S.** *and* **Leong, J.C.Y.** The Batchelor–Grice extra-articular subtalar arthrodesis, **68B**, *125
with **Nade, S.M.L.** Does surgical glove powder decrease the inoculum of bacteria required to produce an abscess?, **65B**, 644
with **Weatherley, C.R.** *and* **O'Brien, J.P.** Radical excision of an osteoblastoma of the cervical spine: a combined anterior and posterior approach, **68B**, *325
Jagannath, A. *with* **Bullough, P.G.** The morphology of the calcification front in articular cartilage: its significance in joint function, **65B**, *72
Jahre, C. *with others*. Neuropraxia of the cervical spinal cord with transient quadriplegia, **68A**, *1354
Jahss, M.H. Non-inflammatory synovitis of the second metatarsophalangeal joint and its surgical treatment, **68B**, 845
Osteotomies for metatarsus primus varus, **67B**,670
The Akin procedure, **69B**, 679
Jain, A.S. Traumatic floating clavicle, **66B**, *560
Jakim, I. *with* **Barlin, C.E.** A 5–8 year follow-up of the Sheehan total knee arthroplasty, **69B**, 680
with **Barlin, C.E.** Interim report on the Iso-elastic cementless total hip arthroplasty, **69B**, 681
Jakob, R.P. *with others*. The lower-extremity musculature in chronic symptomatic instability of the anterior cruciate ligament, **67A**, *1034
Jalaly, B.A. *with* **Bell, R.H.** *and* **Hawkins, R.J.** Total shoulder arthroplasty, **68B**, 848
James, J. *with* **Steija-Myagkaya, G.L.** Death of osteocytes: electron microscopy after in vitro ischaemia, **68B**, *620
James, J.I.P. George Charles Lloyd-Roberts, **68B**, 494(*obituary*)
with **Fath, M.A.** *and* **Hassanein, M.R.** Congenital absence of pain: a family study, **65B**, *186
James, M.R. *with others*. An operation for Freiberg's disease, **67B**, 671
James, N.J. *with others*. Standardised trunk asymmetry scores: a study of back contour in healthy schoolchildren, **65B**, *452
with others. Standardised trunk asymmetry scores and vector stereography in idiopathic scoliosis, **66B**, 289
James, P.H. Arthroscopy of the knee under local anaesthesia: a review of one thousand examinations, **66B**, 304
Jameson Evans, D.C. *with* **Heyse-Moore, G.H.** *and* **MacEachern, A.G.** Treatment of intertrochanteric fractures of the femur: a comparison of the Richards screw-plate with the Jewett nail-plate, **65B**, *262
with **Kernohan, J.G.** *and* **Strachan, J.C.H.** An experience of the signal arm (K-Y) nail, **67B**, 147
Jamieson, C.W. *with* **Hopkins, N.F.G.** *and* **Vanhegan, J.A.D.** Iliac aneurysm after total hip arthroplasty: surgical management, **65B**, *359
Jamieson, E.W. Calf blood flow during total hip replacement surgery: preliminary observations, **65B**, 518(*discussion*)
Jandolo, B. *with* **Gessini, L.** *and* **Pietrangeli, A.** The anterior tarsal syndrome: report of four cases, **66A**, *786
Janssen, H.F. *with* **Robertson, W.W., Jr.** *and* **Pugh, J.L.** The spread of tumor-cell-sized particles after bone biopsy, **66A**, *1243
Janssen, T. *with* **Kopta, J.** Bilateral recurrent subtalar dislocation: case report, **67A**, *1432
Jansson, K. *with others*. Stereological studies on the epiphyseal growth plate in strontium-induced rickets: with special reference to the distribution of matrix vesicles, **66A**, *1274
Janzen, T. *with* **Bailey, S.I.** *and* **Buckingham, A.** Evaluation of school screening for scoliosis, **68B**, 855
Japas, L.M. Long-term results of the Chrisman–Snook operation for reconstruction of the lateral ligaments of the ankle, **67A**, 1304(*correspondence*)
Jardon, O.M. *with others*. Evaluation of the Noiles hinged knee prosthesis: a five-year study of seventeen knees, **68A**, *579
Jarratt, J.A. *with others*. Electromyography and "bony" sciatica, **67B**, 499
Järvinen, M. *with* **Kannus, P.** Conservatively treated tears of the anterior cruciate ligament: long-term results, **69A**, *1007
Jarvis, J.G. *with* **McIntyre, W.M.** *and* **England, R.E.** Computerised tomography and the triplane fracture, **69B**, 507
Jaspan, T. *with others*. Impact of MRI on management of neurological complications of spinal deformity, **69B**, 854
Jasty, M.J. *with* **Dias, L.S.** *and* **Collins, P.** Rotational deformities of the lower limb in myelomeningocele: evaluation and treatment, **66A**, *215
with others. Localized osteolysis in stable, non-septic total hip replacement, **68A**, *912
Jayakumar, S. *Book reviews*, **67A**, 1149
Jayson, M.I.V. *with others*. Depressed fibrinolytic activity in patients with chronic back pain syndromes, **68B**, 840
Jefferson, R.J. *with* **Whittle, M.W.** Objective biomechanical assessment of total knee replacements, **68B**, 839
with others. The predictive value of Integrated Shape Imaging System scanning, **69B**, 852
Jeffery, A.K. Internal fixation of subtrochanteric fractures of femur in young adults, **67B**, 680(*discussion*)
Rebuilding the deficient acetabulum in total hip arthroplasty, **67B**, 676(*discussion*)
The radiolucent line: a review, **67B**, 675(*discussion*)
with **Walton, M.H.** *and* **Wilson-MacDonald, J.** Displaced intra-articular fractures: an experimental model using the patellae of sheep, **67B**, 679
with **Walton, M.H.** The implantable electrical bone stimulator: a clinical and experimental study, **68B**, 677
Jeffries, J.T. *with* **Gainor, B.J.** Pronator syndrome associated with a persistent median artery: a case report, **69A**, *303
with others. Injury to the popliteal artery as a complication of arthroscopic surgery: a report of two cases, **69A**, *783
Jenkins, D.H.R. *with* **Leyshon, R.L.** *and* **Channon, G.M.** Late flexible carbon-fibre ligament reconstruction for knee instability, **65B**, 227
with others. Flexible carbon fibre in late ligamentous reconstruction for instability of the knee, **66B**, *196
with others. Late repair of the calcaneal tendon with carbon fibre, **66B**, *206
Jenkins, N.H. *with* **Freedman, L.S.** *and* **McKibbin, B.** Spontaneous regression of a desmoid tumour, **68B**, *780
with **Jones, D.G.** *and* **Mintowt-Czyz, W.J.** The external fixation of Colles' fractures: a controlled clinical trial, **69B**, 152
with **Mintowt-Czyz, W.J.** *and* **Fairclough, J.A.** Irreducible dislocation of the inferior radio-ulnar joint, **69B**, 152
with **Mintowt-Czyz, W.J.** Compression of the biceps-brachialis compartment after trivial trauma, **68B**, *374
with others. External fixation of Colles' fractures: an anatomical study, **69B**, *207
Jenner, J.R. *Book reviews*, **66B**, 793
Jevtich, V. Horizontal fracture of the anterior arch of the atlas: case report, **68A**, *1094
Jhamaria, N.L. *with others*. The trabecular pattern of the calcaneum as an index of osteoporosis, **65B**, *195
Jimenez, J.F. *with* **Redman, D.S.** *and* **McCarthy, R.E.** Sarcoidosis in the long bones of a child: a case report and review of the literature, **65A**, *1010
Jinnah, R. *with others*. Results of core decompression for femoral head osteonecrosis, **67B**, 329
with others. Treatment of primary osteoarthritis of the hip: a comparison of total joint and surface replacement arthroplasty, **66A**, *228
Jobbins, B. *with others*. Bi-planar spinal asymmetry: the pathogenesis of idiopathic scoliosis, **66B**, 143
with others. Combined median and coronal plane asymmetry: the essential lesion of progressive idiopathic scoliosis, **65B**, 368
Jobe, F.W. Reconstruction of the ulnar collateral ligament in athletes, **69A**, 953(*correspondence*)
with **Stark, H.** *and* **Lombardo, S.J.** Reconstruction of the ulnar collateral ligament in athletes, **68A**, *1158
with others. Surgical treatment of tears of the rotator cuff in athletes, **68A**, *887
with others. The coracoid transfer for recurrent anterior instability of the shoulder in adolescents, **67A**, *383
Jodoin, A. *with* **Gagnon, S.J.** *and* **Martin, R.** Pulmonary function test study before and after spinal fusion in young idiopathic scoliosis, **68B**, 855
with **Gillet, P.** Post-traumatic chronic kyphosis: a report of 13 cases, **68B**, 853
with others. The role of a compression plate in the treatment of diaphysial fractures of the femur, **66B**, 296
with others. Unstable fractures of the thoracolumbar spine: a ten year experience at Sacre-Coeur Hospital, **66B**, 294
Johansson, E. *with* **Aparisi, T.** Missing cruciate ligament in congenital short femur, **65A**, *1109
Johansson, J.E. *with* **Barrington, T.W.** Femoral shortening using a step-cut osteotomy for leg-length discrepancy in adults, **66B**, 297
Johnell, O. *with* **Josefsson, P.O.** *and* **Gentz, C.F.** Long-term sequelae of simple dislocation of the elbow, **66A**, *927
with others. Surgical versus non-surgical treatment of ligamentous injuries following dislocation of the elbow joint: a prospective randomized study, **69A**, *605

* Indicates full article or appreciable part

Johnson, D.E. *with* **Brenton, G.E.** *and* **Eady, J.L.** Leiomyosarcoma of the hand and wrist: report of two cases, **68A**, *139
Johnson, D.P. Antibiotic prophylaxis with cefuroxime in arthroplasty of the knee, **69B**, *787
with **Bannister, G.C.** The outcome of infected arthroplasty of the knee, **68B**, *289, 160
with **Fergusson, C.M.** Early diagnosis of atlanto-axial rotatory fixation, **68B**, *698
with **Houghton, T.A.** *and* **Radford, P.** Anterior midline or medial parapatellar incision for arthroplasty of the knee: a comparative study, **68B**, *812
with others. Does a tourniquet affect antibiotic absorption in knee replacement?, **68B**, 160
Johnson, E.E. *with* **Marder, R.A.** Open intramedullary nailing and bone-grafting for non-union of tibial diaphyseal fracture, **69A**, *375
with **Markolf, K.L.** The contribution of the anterior talofibular ligament to ankle laxity, **65A**, *81
Johnson, E.W., Jr. *with* **Merkel, K.D.** Supracondylar fracture of the femur after total knee arthroplasty, **68A**, *29
with **Strathy, G.M.** Complications of Ender-pin fixation in basicervical, intertrochanteric, and subtrochanteric fractures of the hip, **65A**, 1031(*correspondence*)
Johnson, F. *with* **Digby, J.M.** Foot loading following tibial shaft fractures, **65B**, 366
with others. Standardised trunk asymmetry scores and vector stereography in idiopathic scoliosis, **66B**, 289
with others. Standardised trunk asymmetry scores: a study of back contour in healthy schoolchildren, **65B**, *452
Johnson, J.A. *with others.* An anthropometric basis for design in total knee arthroplasty, **69B**, 505
Johnson, J.R. *with* **Kirwan, E. O'G.** The long-term results of fusion *in situ* for severe spondylolisthesis, **65B**, *43
with others. The Stanmore total elbow replacement for rheumatoid arthritis, **66B**, *732
with others. Total elbow replacement: 10 years of the Stanmore hinged total elbow, **65B**, 227
Johnson, K.A. *Book reviews*, **65A**, 877; **66A**, 1150
with **Funk, D.A.** *and* **Cass, J.R.** Acquired adult flat foot secondary to posterior tibial-tendon pathology, **68A**, *95
with **Shereff, M.J.** *and* **Cullivan, W.T.** Osteoid-osteoma of the foot, **65A**, *638
with **Spiegl, P.V.** Extensor hallucis longus transfer for hallux varus deformity, **66A**, *681
Johnson, K.D. *with* **Bone, L.B.** Treatment of tibial fractures by reaming and intramedullary nailing, **68A**, *877
with **Franklin, J.L.** *and* **Hansen, S.T., Jr.** Immediate internal fixation of open ankle fractures: report of thirty-eight cases treated with a standard protocol, **66A**, *1349
with **Johnston, D.W.C.** *and* **Parker, B.** Comminuted femoral-shaft fractures: treatment by roller traction, cerclage wires and an intramedullary nail, or an interlocking intramedullary nail, **66A**, *1222
with **Johnston, D.W.C.** Experience with methicillin/cloxacillin resistant *Staphylococcus aureus* in orthopaedic surgery, **67B**, 336
Johnson, M.A. *with* **Rush, J.H.** *and* **Vidovich, J.D.** Arterial complications of total knee replacement: the Australian experience, **69B**, *400
Johnson, M.C. *with others.* Anatomical basis for repair of ulnar and median nerves in the distal part of the forearm by group fascicular suture and nerve-grafting, **68A**, * 273
Johnson, M.D., III *with* **Berman, A.T.** The use of the Hickman catheter in orthopaedic infections, **67A**, *650(*brief note*)
Johnson, M.R. *with others.* Integrated Shape Imaging System (ISIS): an evaluation of its capacity to measure lateral spinal curves and appraise hump dynamics on forward flexion, **69B**, 851
Johnson, R. *with* **Gaines, E.** *and* **Manning, M.P.** The efficacy of sterilising Esmarch bandages, **69B**, *671(*brief report*)
with **Loudon, J.R.** Plaquenil and pulmonary embolism after low-friction arthroplasty, **67B**, 153
Johnson, R.E. *Book reviews*, **68A**, 1309
Johnson, R.P. *with* **Carrera, G.** Chronic capitolunate instability, **69A**, 951(*correspondence*)
with **Carrera, G.F.** Chronic capitolunate instability, **68A**, *1164
with **Wendt, P.P.** A study of quadriceps excursion, torque, and the effect of patellectomy on cadaver knees, **67A**, *726
with others. The use of Ender nails in fractures of the tibial shaft, **67A**, *446
Johnson, S. *with others.* Leg-length inequality following total hip replacement: a simple method to prevent it, **69B**, 489
Johnson, S.R. *with* **Colhoun, E.N.** *and* **Fairclough, J.A.** Bone scanning for hip fracture in patients with osteoarthritis, **69B**, *848(*brief report*)
with others. External fixation of Colles' fractures: an anatomical study, **69B**, *207
Johnson-Nurse, C. *with* **Dandy, D.J.** Fracture-separation of articular cartilage in the adult knee, *42, **67B**, 158(*discussion*)
with others. Histological types of bone weakness underlying femoral neck fractures: are there any differences between trochanteric and subcapital fractures?, **67B**, 844
Johnston, C.E., II. *with others.* Chronic atlanto-axial instability in Down syndrome, **67A**, *1356
with others. Delayed paraplegia complicating sublaminar segmental spinal instrumentation, **68A**, *556
with others. Late complications due to wire breakage in segmental spinal instrumentation: report of two cases, **65A**, *1339; **66A**, 967(*correspondence*)
Johnston, D. *with others.* Bone scanning for suspected hip fractures: a prospective study in elderly patients, **69B**, *251
Johnston, D.W.C. *with* **Hu, R.W.C.** Talar neck fractures, **69B**, 503
with **Johnson, K.D.** *and* **Parker, B.** Comminuted femoral-shaft fractures: treatment by roller traction, cerclage wires and an intramedullary nail, or an interlocking intramedullary nail, **66A**, *1222
with **Johnson, K.D.** Experience with methicillin/cloxacillin resistant *Staphylococcus aureus* in orthopaedic surgery, **67B**, 336
with others. Experiences with the Madreporic hip system, **69B**, 508
with others. Non-cemented total hip arthroplasty, **66B**, 300
Johnston, G. *with* **Hawkins, R.J.** *and* **Koppert, G.** Recurrent posterior instability (subluxation) of the shoulder, **66A**, *169
Johnston, K.W. *with others.* The functional relation between the two bands of the anterior cruciate ligament, and the pivot shaft, Lachman and anterior drawer signs, **68B**, 847
Johnston, R. *Book reviews*, **65A**, 1214
Johnston, R.C. *with* **Stubbs, D.H.** *and* **Dorner, D.B.** Thrombosis of the iliofemoral artery during revision of a total hip arthroplasty: a case report, **68A**, *454
Johnston, R.M. *with* **Wilkins, R.M.** Ununited fractures of the clavicle, **65A**, *773
Johnston, R.K. *with others.* Fracture of the tibial tuberosity with associated ligamentous and meniscal tears: a case report, **66A**, *790
Johnstone, B. *with others.* Proteoglycan synthesis rates in the intervertebral disc, **67B**, 843
Jokl, P. *with others.* Non-operative treatment of severe injuries to the medial and anterior cruciate ligaments of the knee, **66A**, *741; **67A**, 1306(*correspondence*)
Jolly, B.L. *with* **Scott, G.A.** *and* **Henning, C.E.** Combined posterior incision and arthroscopic intra-articular repair of the meniscus: an examination of factors affecting healing, **68A**, *847
Jonck, L.M. *with* **Naudé, M.C.** The value of nylon cerclage fixation in the treatment of oblique/spiral fractures in long bones: an experimental assessment, **69B**, 682
with **Grobbelaar, C.J.** *and* **Strating, H.** Glass ceramic in total joint replacement, **69B**, 681
with **de Klerk, A.J.** The value of a composite bone graft in the treatment of large bone defects, **67B**, 505
with **Grobbelaar, C.J.** *and* **Strating, H.** Glass-ceramic cements: a possible alternative for polymethylmethacrylate (PMMA) in arthroplasty, **67B**, 505
Jones, A.G. *with others.* Leakage of radioactive particle systems from a synovial joint studied with a gamma camera: its application to radiation synovectomy, **65A**, *381
Jones, A.R. *with* **Unsworth, A.** *and* **Haslock, I.** Quantitative assessment of hand function, **68B**, 497
Jones, B. *with* **Aichroth, P.M.** *and* **Thomas, N.R.** Carbon fibre and Dacron composites in the prosthetic reconstruction of the anterior cruciate ligament, **68B**, 841
Jones, C. *with* **Ferris, B.** Paraplegia due to aspergillosis: successful conservative treatment of two cases, **67B**, *800
Jones, C.B. *with* **Aichroth, P.M.** *and* **Dewar, M.E.** Gradual distraction of the epiphysial growth plate: a human study of the forces generated and early effects on the growth plate, **67B**, 843
with **Hutton, P.A.N.** *and* **Aichroth, P.M.** Lengthening of the lower limb: experiences and complications of the Wagner method, **66B**, 149
with **Ker, N.B.** Tumours of the cauda equina: the problem of differential diagnosis, **67B**, *358
with **Thomas, N.P.** *and* **Turner, I.G.** Prosthetic anterior cruciate ligaments in the rabbit: a comparison of four types of replacement, **69B**, *312
with **Wilson, N.W.** *and* **Aichroth, P.M.** Traumatic haemarthrosis of the knee: how good is our clinical assessment?, **69B**, 160
with **Wright, K.W.J.** *and* **Scott, W.A.** An *in vitro* investigation into the biomechanical status of nylon cerclage bands, **66B**, 278
with others. A comparative analysis of four prosthetic anterior cruciate ligaments in the rabbit, **68B**, 842
with others. Early experience with epiphyseal distraction in the management of limb length discrepancy, **69B**, 154
with others. The force required to rupture the epiphysis in children undergoing epiphyseal leg lengthening, **69B**, 496
Jones, D. *with others.* An electrogoniometric examination of the pivot shift sign, **65B**, 659
Jones, D.A. Osteoid osteoma of the atlas, **69B**, *149(*brief report*)
Jones, D.C. *with* **Moseley, C.F.** Subluxation of the knee as a complication of femoral lengthening by the Wagner technique, **67B**, *33
Jones, D.G. Bone erosion beneath Partridge bands, **68B**, *476
with **Jenkins, N.H.** *and* **Mintowt-Czyz, W.J.** The external fixation of Colles' fractures: a controlled clinical trial, **69B**, 152
with others. External fixation of Colles' fractures: an anatomical study, **69B**, *207

* Indicates full article or appreciable part

Jones, D.H.A. *with* **Esser, M.P.** *and* **Kassab, J.Y.** Trochanteric fractures of the femur: a randomised prospective trial comparing the Jewett nail-plate with the Dynamic Hip Screw, **68B**, *557
with **Kassab, J.** *and* **Esser, M.** A prospective trial comparing the Jewett nail-plate with the Dynamic Hip Screw, **68B**, 157
Jones, D.J. Arthrography, arthroscopy and meniscectomy, **65B**, 521(*discussion*)
Repair of massive rotator cuff avulsions, **65B**, 518
Jones, E.A. *with others.* Prediction of fracture healing in the tibia by quantitative radionuclide imaging, **69B**, *441
with others. The prediction of non-union in tibial fractures using quantitative bone-scanning and fracture shift, **67B**, 146
with others. The prediction of non-union in tibial fractures using quantitative bone scanning and fracture shift, **66B**, 287
Jones, J.G. Achilles tendon rupture following steroid injection: report of three cases, **67A**, 170(*correspondence*)
Jones, J.M. *with others.* The value of early mobilisation in the treatment of Colles' fractures, **69B**, *463
Jones, J.R. *with* **Allum, R.L.** Acute traumatic haemarthrosis of the knee, **69B**, 160
with **Allum, R.L.** The locked knee, **67B**, 488
with others. Tendon implantation into bone: an experimental study, **67B**, 844
Jones, L.C. *with* **Davis, R.F.** *and* **Hungerford, D.S.** The effect of sympathectomy on blood flow in bone: regional distribution and effect over time, **69A**, *1384
with **Krackow, K.A.** *and* **Thomas, S.C.** A new stitch for ligament-tendon fixation, **68A**, *764(*brief note*)
Jones, M.M. *with others.* Bovine gluteraldehyde-treated tendon as a graft material: a clinical and laboratory study, **67B**, 159
Jones, M.W. *with* **Favero, K.J.** *and* **Hawkins, R.H.** Brachial plexus neuropathy: a report of 34 cases, **68B**, 848
with **Favero, K.J.** *and* **Hawkins, R.H.** Neuralgic amyotrophy, **69B**, *195
Jones, N.S. *with* **Anderson, D.J.** *and* **Stiles, P.J.** Osteomyelitis in a general hospital: a five-year study showing an increase in subacute osteomyelitis, **69B**, *779
Jones, R.N. Rotatory dislocation of both atlanto-axial joints, **66B**, *6
Jones, R.S. *with others.* Costectomy as the first stage of surgery for scoliosis, **68B**, *91
with others. Preliminary costectomy in posterior corrective surgery for scoliosis, **67B**, 491
Jones, S. *with others.* Cephalosporins for prophylaxis in operative repair of femoral fractures: levels in serum, muscle and hematoma, **67A**, *921; **68A**, 313(*correspondence*)
Jones, S.J. *with others.* A check list for spinal cord monitoring: is it a true or false-positive change, **69B**, 854
with others. A system for the electrophysiological monitoring of the spinal cord during operations for scoliosis, **65B**, *134
Jones, S.N. *with* **Horsfield, D.** A useful projection in radiography of the shoulder, **69B**, *338(*brief report*)
Jones, W.W. *with* **Lehman, W.L.** Intravenous lidocaine for anesthesia in the lower extremity: a prospective study, **66A**, *1056; **67A**, 664(*correspondence*)
Jonge-Bok, J.M. *with* **Macfarlane, J.D.** The articular diversity of early haemochromatosis, **69B**, *41
Jónsson, B. *with others.* Physical activity in women sustaining fracture of the neck of the femur, **69B**, *381
Jonsson, K. *with* **Bauer, M.** *and* **Lindén, B.** Osteochondritis dissecans of the ankle: a 20-year follow-up study, **69B**, *93
Jørgensen, U. *with others.* Long-term follow-up of meniscectomy in athletes: a prospective longitudinal study, **69B**, *80
Jorneus, L. *with others.* In vivo measurements of spinal column vibrations, **68A**, *695
with others. In vivo measurements of spinal column vibrations, **69A**, 634(*correspondence*)
Josefchak, R. *with others.* Meniscal suturing by open and arthroscopic techniques—preliminary report, **67B**,336
Josefsson, P.O. *with* **Johnell, O.** *and* **Gentz, C.F.** Long-term sequelae of simple dislocation of the elbow, **66A**, *927
with others. Surgical versus non-surgical treatment of ligamentous injuries following dislocation of the elbow joint: a prospective randomized study, **69A**, *605
Joseph, B. Perthes' disease in South India, **69B**, 499
with **Chacko, V.** Chronic post-rheumatic-fever arthritis (Jaccoud's arthritis) involving the feet: a case report, **66A**, *1124
Joseph, D.M. *with* **Insall, J.N.** *and* **Msika, C.** High tibial osteotomy for varus gonarthrosis: a long-term follow-up study, **66A**, *1040
Joughin, E. *with* **Dupuis, P.R.** On the efficacy of a single dose of epidural morphine for postoperative analgesia in low-back surgery: a double-blind prospective study, **69B**, 510
Jowett, R.L. *Book reviews*, **65B**, 526, 680
with **Kumar, J.M.** Fistula between the hip and the caecum, **66B**, *603
Joy, D. *with others.* Central acetabular fracture with ipsilateral femoral-neck fracture and intrapelvic dislocation of the femoral head without major pelvic-column disruption: a case report, **69A**, *612
Joyce, J.W. *with* **Cederberg, P.A.** *and* **Pritchard, D.J.** Doppler-determined segmental pressures and wound-healing in amputations for vascular disease, **65A**, *363
Joyce, M. *with* **Hamilton, H.W.** A prospective clinical study of 450 consecutive low-friction arthroplasties, **67B**, 331
with **Tile, M.** *and* **Kellam, J.F.** Fractures of the acetabulum: classification, management protocol, and results of treatment, **67B**, 324
with others. Review of pelvic fractures in the multiply injured patient: 107 cases, **68B**, 849
Joyce, M.J. *with* **Mankin, H.J.** Caveat arthroscopos: extra-articular lesions of bone simulating intra-articular pathology of the knee, **65A**, *289
with others. Ewing sarcoma of the proximal phalanx of a finger: a case report, **69A**, *931
with others. McKeever metallic hemiarthroplasty of the knee in unicompartmental degenerative arthritis: long-term clinical follow-up and current indications, **67A**, *203
Ju, M.E. Stress fracture of the first rib, **68A**, 475(*correspondence*)
Juma, A. *with others.* School screening for scoliosis in Liverpool, England, and Jeddah, Saudi Arabia: a comparison of methods, **69B**, 851
Jumbelic, M. *with* **Feuerstein, I.M.** *and* **Dorfman, H.D.** Solitary intraosseous lymphangioma: a case report, **66A**, *1479
Jundt, J. *with others.* The tibial subchondral plate: a scanning electron microscopic study, **69A**, *1212
Jupiter, J. *with* **Knirk, J.** Intra-articular fractures of the distal end of the radius in young adults, **69A**, 791(*correspondence*)
Jupiter, J.B. *Book reviews*, **69A**, 1309
with **Bour, C.J.** *and* **May, J.W., Jr.** The reconstruction of defects in the femoral shaft with vascularized transfers of fibular bone, **69A**, *365
with **Knirk, J.L.** Intra-articular fractures of the distal end of the radius in young adults, **68A**, *647
with **Leffert, R.D.** Non-union of the clavicle: associated complications and surgical management, **69A**, *753
with others. Intercondylar fractures of the humerus: an operative approach, **67A**, *226
Jupiter, J.J. *Book reviews*, **67A**, 1310

K

Kabo, J.M. *with* **Ma, S.M.** *and* **Amstutz, H.C.** Frictional torque in surface and conventional hip replacement, **65A**, *366
Kabra, S.G. *with others.* The trabecular pattern of the calcaneum as an index of osteoporosis, **65B**, *195
Kadish, L.J. *with* **Simmons, E.H.** Anomalies of the lumbosacral nerve roots, **66B**, *411
Kaelin, A. *with* **Hulin, P.H.** *and* **Carlioz, H.** Congenital aplasia of the cruciate ligaments: a report of six cases, **68B**, *827
Kahn, A., III. *with others.* Aseptic loosening in metal-backed acetabular components for total hip replacement: a minimum five-year follow-up, **67A**, *387
Kahn, B. *with* **Rosenfeld, S.R.** *and* **Weinert, C.R., Jr.** Congenital syphilis: a case report, **65A**, *115
Kaitila, I.I. *with others.* Familial spondylolisthesis of the axis vertebra, **68B**, *704
Kajiyama, G. *with others.* The effect of antibiotics on the destruction of cartilage in experimental infectious arthritis, **69A**, *1063
Kakkar, V.V. *with others.* Heparin and dihydroergotamine prophylaxis against thrombo-embolism after hip arthroplasty, **67B**, *538
Kalamchi, A. Monteggia fracture-dislocation in children: late treatment in two cases, **68A**, *615
with **Dawe, R.V.** Congenital deficiency of the tibia, **67B**, *581
with others. Iliofemoral fusion for proximal femoral focal deficiency, **69A**, *837
with others. Nuclear magnetic resonance studies of Legg–Calvé–Perthes disease, **67B**, 333
with others. Segmental spinal instrumentation in neuromuscular spinal deformities, **68B**, 680
with others. Nuclear magnetic resonance imaging in Legg-Calvé-Perthes disease, **66A**, *1357
Kalb, R.L. Treatment concepts for proximal femoral ischemic necrosis complicating congenital hip disease, **65A**, 1029(*correspondence*)
Kallio, P. *with* **Ryöppy, S.** *and* **Kunnamo, I.** Transient synovitis and Perthes' disease: is there an aetiological connection?, **68B**, *808
Kamal, A.S. Derotation osteotomy in the management of congenital dislocation of the hip, **67B**, 492(*discussion*)
Kamikozuru, M. *with others.* Paraplegia as a complication of corticosteroid therapy: a case report, **66A**, *783
Kaminski, R.S. *with* **Iftikhar, T.B.** *and* **Silva, I., Jr.** Neurovascular complications of the modified Bristow procedure: a case report, **66A**, *951
with others. Spontaneous rupture of the extensor mechanism causing ulnar dislocation of the long extensor tendon of the long finger: two case reports, **66A**, *1108
Kaminsky, M. *with others.* Amputations at the middle level of the foot: a retrospective and prospective review, **68A**, *1061

Kanaujia, R. *with others.* Arthroplasty of the elbow: twenty years' experience of a new approach, **69B**, *116
Kandarpa, K. *with others.* Intravenous methylmethacrylate after total hip replacement, **66A**, *443
Kandel, R. *with others.* A clinical and histological analysis of failed fresh osteochondral allografts, **69B**, 502
Kaneda, A. *with others.* Paraplegia as a complication of corticosteroid therapy: a case report, **66A**, *783
Kanis, J.A. *with* **Atkins, R.M.** *and* **Duckworth, T.** Algodystrophy: a common disorder?, **68B**, 497
with **Atkins, R.M.** *and* **Tindale, W.** The bone scan in reflex sympathetic dystrophy, **69B**, 495
with others. Aminohexane diphosphonate for the treatment of Paget's disease of bone, **68B**, 161
with others. Chemical measurement of bone GLA protein (BGP, osteocalcin): an indicator of bone metabolism, **65B**, 93
with others. Osteocalcin as a marker of bone metabolism, **67B**, 159
Kannus, P. *with* **Järvinen, M.** Conservatively treated tears of the anterior cruciate ligament: long-term results, **69A**, *1007
Kapff, P.D. *with* **Hocken, D.B.** *and* **Simpson, R.H.W.** Elastofibroma of the hand, **69B**, *468
Kaplan, D.D. *with others.* Extraforaminal disc herniation simulating a retroperitoneal neoplasm: case report, **67A**, *1275
Kaplan, F.S. *with others.* Metatrophic dwarfism: uncoupling of endochondral and perichondral growth, **69A**, *174
Kaplan, J.S. *with others.* Predicting the success of reambulation in patients with Duchenne muscular dystrophy, **65A**, *719
Kaplan, N. *with others.* Anatomy of the normal knee as seen by magnetic resonance imaging, **68B**, *117
with others. Non-operative treatment of severe injuries to the medial and anterior cruciate ligaments of the knee, **66A**, *741
Kaplan, S.S. A comparison of conventional radiography and computed tomography in the evaluation of spiral fractures of the tibia, **68A**, 790(*correspondence*)
The treatment of reflex sympathetic dystrophy syndrome, **66A**, 1493(*correspondence*)
with **Stegman, C.J.** Transient osteoporosis of the hip: a case report and review of the literature, **67A**, *490
Karaharju, E.O. *with* **Peltonen, J.I.** *and* **Alitalo, I.** Experimental epiphysial distraction producing and correcting angular deformities, **66B**, *598
Kariks, J. *with others.* The effect of age on bone composition and viability in the femoral head, **67A**, *274
Karkavelas, G. *with* **Pournaras, J.** *and* **Symeonides, P.P.** The significance of the posterior cruciate ligament in the stability of the knee, **65B**, *204
Karlström, G. *with* **Olerud, S.** Recurrent dislocation after total hip replacement: treatment by fixing an additional sector to the acetabular component, **67B**,*402
Karpinski, M.R. *with* **Grimer, R.J.** Revision of failed total knee replacements with the Stanmore hinged knee, **67B**, 489
Karpinski, M.R.K. *with* **Grimer, R.J.** *and* **Edwards, A.N.** The long-term results of Stanmore total knee replacement, **66B**, *55
with **Piggott, H.** Greater trochanteric pain syndrome: a report of 15 cases, **67B**, *762
with others. Posterior spinal fusion for idiopathic scoliosis: a comparison of four methods, **68B**, 680
with others. The penetration of antibiotics into the normal intervertebral disc, **69B**, *784
Kasdon, E.J. *with others.* Post-traumatic osteolysis of the pubic bone simulating a malignant lesion, **66A**, *121
Kashimoto, T. *with* **Kitagawa, H.** Locking of the thumb at the interphalangeal joint by one of the sesamoid bones: a case report, **66A**, *1300
Kashtan, H. *with others.* Effect of intense physical activity on the bone-mineral content in the lower limbs of young adults, **68A**, *1090
with others. Recurrent stress fractures in military recruits: one-year follow-up of 66 recruits, **68B**, *439
with others. Stress fractures and tibial bone width: a risk factor, **69B**, *326
with others. Stress fractures in military recruits, **67B**, *732
Kasman, R.A. *with others.* Comparison of the effects of compression plates and external fixators on early bone-healing, **66A**, *1084
Kassab, J. *with* **Jones, D.H.A.** *and* **Esser, M.** A prospective trial comparing the Jewett nail-plate with the Dynamic Hip Screw, **68B**, 157
Kassab, J.Y. *with* **Esser, M.P.** *and* **Jones, D.H.A.** Trochanteric fractures of the femur: a randomised prospective trial comparing the Jewett nail-plate with the Dynamic Hip Screw, **68B**, *557
Kassab, M.T. *with* **Fowles, J.V.** *and* **Douik, M.** Untreated posterior dislocation of the elbow in children, **66A**, *921
Kärrholm, J. *with* **Hansson, L.I.** *and* **Selvik, G.** Changes in tibiofibular relationships due to growth disturbances after ankle fractures in children, **66A**, *1198
with **Fowles, J.V.** *and* **Sliman, N.** The Monteggia lesion in children: fracture of the ulna and dislocation of the radial head, **65A**, *1276
with **Fowles, J.V.** *and* **Moula, T.** Untreated intra-articular entrapment of the medial humeral epicondyle, **66B**, *562
Kasser, J.R. *with* **Bowen, J.R.** *and* **MacEwen, G.D.** Varus derotation osteotomy in the treatment of persistent dysplasia in congenital dislocation of the hip, **67A**, *195
with others. The association of femoral retroversion with slipped capital femoral epiphysis, **68A**, *1000
Katekar, M. *with* **Higgs, R.J.E.D.** *and* **Bruce, W.J.M.** Ectopic bone formation after total hip replacement, **69B**, 167
Katongole-Mbidde, E. *with others.* Burkitt's lymphoma in the appendicular skeleton, **65B**, *464
Katsumi, Y. *with* **Hirasawa, Y.** *and* **Tokioka, T.** Evaluation of sensibility after sensory reconstruction of the thumb, **67B**, *814
Katz, D. *Book reviews*, **66B**, 312
with **Berman, L.** *and* **Mitchell, R.** Ultrasound assessment of femoral anteversion: a comparison with computerised tomography, **69B**, *268
Katz, K. *with* **Erken, E.H.W.** Irritable hip and Perthes' disease, **67B**, 508
with **Versfeld, G.A.** *and* **Beighton, P.H.** Costo-vertebral anomalies in osteogenesis imperfecta, **67B**, 508
with others. Costovertebral anomalies in osteogenesis imperfecta, **67B**, *602
with others. Dislocation of the hip in cerebral palsy: management in children with total body involvement, **66B**, 451
with others. Fractures in children who have Gaucher disease, **69A**, *1361
Katz, M.M. *with* **Hungerford, D.S.** Reflex sympathetic dystrophy affecting the knee, **69B**, *797 *with others.* Results of total knee arthroplasty after failed proximal tibial osteotomy for osteoarthritis, **69A**, *225
with others. Lower-extremity sensibility testing in patients with herniated lumbar intervertebral discs, **67A**, *1219
Kaufer, H. *Book reviews*, **65A**, 1213; **67A**, 1350
with **Falahee, M.H.** *and* **Matthews, L.S.** Resection arthroplasty as a salvage procedure for a knee with infection after a total arthroplasty, **69A**, *1013
with **Kling, T.F., Jr.** *and* **Hensinger, R.N.** Split posterior tibial-tendon transfers in children with cerebral spastic paralysis and equinovarus deformity, **67A**, *186
with others. Fibrous dysplasia: an analysis of options for treatment, **69A**, *400
with others. Long-term results of tibiotalar arthrodesis, **67A**, *546
Kaufman, R.A. *with* **Engdahl, D.E.** *and* **Hopson, C.N.** Computed tomography in the diagnosis of a rare plantar ganglion cyst in a child: case report, **65A**, *1348
Kavanagh, B.F. *with* **Bradway, J.K.** *and* **Houser, O.W.** Post-traumatic spinal-cord cyst: a case report, **68A**, *932
with **Fitzgerald, R.H.** Multiple revisions for failed total hip arthroplasty not associated with infection, **69A**, *1144
with **Ilstrup, D.M.** *and* **Fitzgerald, R.H., Jr.** Revision total hip arthroplasty, **67A**, *517
Kavanagh, T.G. Significance of the immediate postoperative complications on the failure of the Geomedic knee replacement in patients with rheumatoid arthritis, **67B**, 489(*discussion*)
The relationship of ligamentous clicks arising from the newborn hip and congenital dislocation, **67B**, 491(*discussion*)
with **Fiddian, N.J.** *and* **Packer, N.P.** Arthrodesis of the hip in adolescents and young adults: a long-term functional review, **67B**, 497
with **Lettin, A.W.F.** *and* **Scales, J.T.** The long-term results of Stanmore total knee replacements, **66B**, *349
with **Sarkar, S.D.** *and* **Phillips, H.** Complications of displaced fractures (Type II Neer) of the outer end of the clavicle, **67B**, 492
with others. A long-term review of tibialis anterior tendon transfer in congenital club foot, **67B**, 490
with others. Assessment of the survival and the clinical results of Stanmore total knee replacements, **66B**, *355
Kavanaugh, J.H. *with others.* Diagnosis of meniscal tears using high-resolution computed tomography: correlation with arthroscopy, **69A**, *498
Kawai, H. *with others.* Duplication of the thumb: a retrospective review of two hundred and thirty-seven cases, **65A**, *584
Kawai, K. *with* **Tamaki, A.** *and* **Hirohata, K.** Steroid-induced accumulation of lipid in the osteocytes of the rabbit femoral head: a histochemical and electron microscopic study, **67A**, *755
Kawai, S. *with* **Doi, K.** *and* **Kuwata, N.** Reconstruction of the thumb with a free wrap-around flap from the big toe and an iliac-bone graft, **67A**, *439
Kawasaki, T. *with others.* Replacement of the anterior cruciate ligament by an allogeneic tendon graft, **66B**, *672
Kay, J.C. *with others.* Cardiopulmonary function and pulmonary microemboli during arthroplasty using cemented or non-cemented components: the role of intramedullary pressure, **69A**, *822
with others. The role of lavage in preventing hemodynamic and blood-gas changes during cemented arthroplasty, **65A**, *500
Kay, N.R.M. The technique and efficacy of manipulation in the frozen shoulder syndrome, **67B**, 495(*discussion*)
Kay, S.P. *with* **Gold, R.H.** *and* **Bassett, L.W.** Meniscal pneumatocele: a case report of spontaneous persistent intra-articular and juxta-articular gas, **67A**, *1117

* Indicates full article or appreciable part

Kaye, J.C. *with* **Keys, R.I.** *and* **du Toit, G.** Wagner leg-lengthening, **69B**, 682
with **Learmonth, I.D.** *and* **Heywood, A.W.B.** Total hip replacement in juvenile chronic arthritis, **69B**, 682
with **Miller, J.H.** *and* **Amis, A.A.** Vitallium replacement of the radial head in trauma, **68B**, 665
Kazi, Mr Tibial tubercle advancement for failed patellectomy, **67B**, 156(*discussion*)
Kean, D. *with others*. The musculoskeletal applications of NMR imaging, **66B**, 290
Kean, D.M. *with others*. The use of nuclear magnetic resonance in the diagnosis of lateral canal entrapment, **66B**, *711
Kedem, R. *with others*. Stress fractures and tibial bone width: a risk factor, **69B**, *326
Keegan, A.L. *with others*. Depressed fibrinolytic activity in patients with chronic back pain syndromes, **68B**, 840
Keeley, F.W. *with* **O'Driscoll, S.W.** *and* **Salter, R.B.** The chondrogenic potential of free autogenous periosteal grafts for biological resurfacing of major full-thickness defects in joint surfaces under the influence of continuous passive motion: an experimental investigation in the rabbit, **68A**, *1017
Keenan, J. *with others*. Hyperparathyroidism and bone marrow changes, **65B**, 93
Keenan, M.A. *with others*. Resection of heterotopic ossification in the adult with head trauma, **67A**, *1261
Keenan, M.A.E. *with others*. Results of transfer of the flexor digitorum superficialis tendons to the flexor digitorum profundus tendons in adults with acquired spasticity of the hand, **69A**, *1127
Keene, G. *with* **Paterson, R.** *and* **Cross, M.** A limited motion cast without hinges, **69B**, 167
Keene, G.C.R. *with* **Paterson, R.S.** Anterior cruciate instability: meniscal and chondral damage, **69B**, 162
with **Paterson, R.S.** Arthroscopic findings in acute isolated medial ligament ruptures, **69B**, 162
with **Paterson, R.S.** Arthroscopic meniscal suture, **69B**, 162
with others. Physically disabled: fitness testing, **65B**, 102
Keene, J.S. *with* **Dyreby, J.R., Jr.** High tibial osteotomy in the treatment of osteoarthritis of the knee: the role of preoperative arthroscopy, **65A**, *36
with **Engber, W.D.** Irreducible fracture-separation of the distal ulnar epiphysis: report of a case, **67A**, *1130
with **Sackett, J.F.** Diagnosis of vertebral fractures, **65A**, 135(*correspondence*)
with others. Treatment of knee joint instability secondary to rupture of the posterior cruciate ligament: report of a new procedure, **65A**, *310
Keever, J.E. *with others*. Supracondylar-intercondylar fractures of the femur treated with a supracondylar plate and lag screw, **65A**, 135(*correspondence*)
Keggi, K. *with others*. Non-operative treatment of severe injuries to the medial and anterior cruciate ligaments of the knee, **66A**, *741
Keggi, K.J. *with* **Clark, C.R.** *and* **Panjabi, M.M.** Methylmethacrylate stabilization of the cervical spine, **66A**, *40
Kehl, D.K. *with* **Alonso, J.E.** *and* **Lovell, W.W.** Scoliosis secondary to an osteoid-osteoma of the rib: a case report, **65A**, *701
with **Murray, S.D.** Chronic recurrent multifocal osteomyelitis: a case report, **66A**, *1110
Kellam, J. *with* **Swiontkowski, M.F.** *and* **Hansen, S.T., Jr.** Ipsilateral fractures of the femoral neck and shaft: a treatment protocol, **66A**, *260
Kellam, J.F. *with* **McCowan, S.** *and* **Tile, M.** A review of unstable pelvic ring fractures treated by open reduction and internal fixation, **69B**, 501
with **Tile, M.** *and* **Joyce, M.** Fractures of the acetabulum: classification, management protocol, and results of treatment, **67B**, 324
with others. Closed versus open nailing of femurs, **68B**, 849
with others. Functional results after immediate internal fixation of open tibial fractures, **67B**, 325
with others. Immediate internal fixation of open fractures of the diaphysis of the forearm, **68A**, *1008
with others. Review of pelvic fractures in the multiply injured patient: 107 cases, **68B**, 849
Kellam, J.K. *with others*. The results of plating humeral shaft fractures in patients with multiple injuries: the Sunnybrook experience, **67B**, *293
Kelleher, J. *with others*. Femoral neck fractures: an "at risk" population, **67B**, 494
Keller, C.S. *with others*. A prospective, randomized study of the management of severe ankle fractures, **67A**, *67
Kelly, D. *with others*. A controlled multicentre trial of the influence of axial micromovement on the healing of tibial diaphyseal fractures, **68B**, 498
Kelly, D.J. *with others*. The application of photon absorption densitometry to the assessment of fracture healing, **69B**, 495
Kelly, D.L., Jr. *with* **Branch, C.L., Jr.** Failure of stabilization of the spine with methylmethacrylate: a retrospective analysis of twenty-four cases, **69A**, 1108(*correspondence*)
Kelly, I.G. *with* **Foster, R.S.** *and* **Fisher, W.D.** Neer total shoulder replacement in rheumatoid arthritis, **69B**, *723
with others. A bacteriologically occlusive clothing system for use in the operating room, **65B**, *502
with others. A new method of hip function measurement, **69B**, 498
with others. Hip joint replacement and lower limb joint loading, **65B**, 368
Kelly, J.S. *with others*. An investigation of the influence of applied micromovement on experimental non-union of fractures, **68B**, 840
Kelly, P.J. *with* **Fitzgerald, R.H., Jr.** *and* **Nutton, R.W.** Early dynamic bone-imaging as an indicator of osseous blood flow and factors affecting the uptake of ^{99m}Tc hydroxymethylene diphosphonate in healing bone, **67A**, *763; **68A**, 789(*correspondence*)
with others. Comparison of osteotomy healing under external fixation devices with different stiffness characteristics, **66A**, *1258
with others. Comparison of the effects of compression plates and external fixators on early bone-healing, **66A**, *1084
with others. External skeletal fixation of canine tibial osteotomies: compression compared with no compression, **67A**, *598
with others. Local muscle flaps in the treatment of chronic osteomyelitis, **67A**, *175
with others. The early healing of tibial osteotomies stabilized by one-plane or two-plane external fixation, **69A**, *355
with others. The effect of load alteration on the biological and biomechanical performance of a titanium fiber–metal segmental prosthesis, **68A**, *118
Kelsey, J.L. *with others*. An epidemiological study of acute prolapsed cervical intervertebral disc, **66A**, *907
Kemp, H.B.S. *Book reviews*, **66B**, 310; **67B**, 341; **68B**, 514
with others. A long-term study of the Chiari pelvic osteotomy for congenital dislocation of the hip and acetabular dysplasia, **69B**, 156
with others. Distal femoral replacement by custom-made prostheses: clinical follow-up and survivorship analysis, **69B**, *276
with others. The Chiari pelvic osteotomy: a review of the long-term results, **69B**, *551
Kempf, I. Anatomical pathological and therapeutic investigation of fractures of the radial head in adults, **66B**, 141(*discussion*)
Osteochondritis dissecans of the patella: a report of 25 cases, **66B**, 146(*discussion*)
The long-term results of late subtalar arthrodesis after injury of the hindfoot, **66B**, 144(*discussion*)
The use of ulnar skeletal traction in the treatment of severe elbow injuries, **66B**, 142(*discussion*)
with **Grosse, A.** *and* **Beck, G.** Closed locked intramedullary nailing: its application to comminuted fractures of the femur, **67A**, *709
with **Nonnenmacher, J.** *and* **Wagnon, J.** Dynamic pinning of the wrist: its limitations in the treatment of Colles' fractures, **66B**, 148
Kempson, S. *with others*. A comparative study of anterior cruciate ligament replacement using either carbon or polyester fibres, **68B**, 841
Kempson, S.A. *with others*. Comparison of the structure of neotendons induced by implantation of carbon or polyester fibres, **66B**, *131
Kendall, B.E. *with others*. Transoral decompression and posterior fusion for rheumatoid atlanto-axial subluxation, **68B**, *350
Kendig, R.J. *with* **Evans, G.A.** *and* **Hughes, J.R.** How does femoral osteotomy influence the natural history of Perthes' disease?, **68B**, 154
Kendrick, R.E. Tibiocalcaneal stabilization using reinforced acrylic cement as a substitute for the talus: a case report, **66A**, *788
Kennedy, D.K. *with others*. The biocompatibility testing of the ceramic Mg-PSZ implanted into the paraspinalis muscles of rabbits, **65B**, 100
Kennedy, J.C. *with others*. Intra-articular reconstruction of the anterior cruciate ligament with and without extra-articular supplementation by transfer of the biceps femoris tendon, **69A**, *275 *with others*. Partial biceps femoris tendon transfer as extra-articular augmentation of an intra-articular anterior cruciate ligament reconstruction, **69B**, 511
Kent, B.E. *with others*. Non-operative treatment of the torn anterior cruciate ligament, **65A**, *184
Kent, G.N. *with others*. Changes in crystal size and orientation of acidic glycosaminoglycans at the fracture site in fractured necks of femur, **65B**, *189
with others. Changes in optical properties of the inorganic and organic bone matrix components in fractured neck of femur, **65B**, 90
Kenwright, J. *Book reviews*, **67B**, 688
with **Fergusson, C.M.** *and* **Morrison, J.D.** Leg-length inequality in children treated by Syme's amputation, **69B**, *433
with **Gibson, P.H.** *and* **Papaioannou, T.** The influence on the spine of leg-length discrepancy after femoral fracture, **65B**, *584
with **Gibson, P.H.** Knee arthrodesis in unfavourable circumstances, **67B**, 144
with **Goodship, A.E.** The influence of induced micromovement upon the healing of experimental tibial fractures, **67B**, *650
with **Spriggins, A.J.** Effects of distraction epiphysiolysis on the proximal tibial epiphysis of rabbits, **68B**, 840
with others. A controlled multicentre trial of the influence of axial micromovement on the healing of tibial diaphyseal fractures, **68B**, 498
with others. The application of controlled intermittent cyclical loading in the acceleration of fracture healing, **65B**, 364
with others. The application of photon absorption densitometry to the assessment of fracture healing, **69B**, 495
Kenwright, J.A. *with* **Burrough, S.J.** Tibial fracture-healing patterns seen when using external skeletal fixation, **67B**, 145
with **Fergusson, C.M.** *and* **Morrison, J.D.** The place of Syme's amputation for the treatment of leg-length discrepancy, **67B**, 150
Kenzora, J.E. *with* **Poka, A.** *Book reviews*, **65A**, 572

Ker, N.B. *with* **Jones, C.B.** Tumours of the cauda equina: the problem of differential diagnosis, **67B**, *358
Keret, D. *with* **Clarke, N.M.P.** *and* **Harrison, M.H.M.** The sagging rope sign: a critical appraisal, **65B**, *285
with others. Coxa plana — the fate of the physis, **66A**, *870
Kerin, R. Metastatic tumors of the hand: a review of the literature, **65A**, *1331
Kerlan, R.K. *with* **Lombardo, S.J.** *and* **Retting, A.C.** Radiographic abnormalities of the iliac apophysis in adolescent athletes, **65A**, *444
with others. Surgical treatment of tears of the rotator cuff in athletes, **68A**, *887
with others. The coracoid transfer for recurrent anterior instability of the shoulder in adolescents, **67A**, *383
Kerlsey, J.B. Discitis following lumbar surgery, **68B**, 159(*discussion*)
Kernohan, G. *with others* Diagnostic vibrations, **65B**, 222
Kernohan, J.G. *with* **Calvert, P.T.** *and* **Catterall, A.** an investigation of the hydraulic behaviour of the proximal femoral capital epiphysis, **67B**, 318
with **Levack, B.** *and* **Wilson, J.N.** Entrapment of the superficial peroneal nerve: three case reports, **67B**, *60
with **Strachan, J.C.H.** *and* **Jameson Evans, D.C.** An experience of the signal arm (K-Y) nail, **67B**, 147
with others. A long-term review of tibialis anterior tendon transfer in congenital club foot, **67B**, 490
with others. Experimental temporary vascular occlusion of the growing femoral head, **65B**, 657
with others. The technique and efficacy of manipulation in the frozen shoulder syndrome, **67B**, 495
Kernohan, W.G. *with others.* A new aid in diagnosis of congenital dislocation of the hip, **66B**, 281
with others. A new aid in the diagnosis of congenital dislocation of the hip, **65B**, 656
with others. Detection of obstructions in venous blood flow following total hip replacement, **69B**, 498
with others. Vibration arthrography in the diagnosis of internal diseases of the knee, **67B**, 844
with others. Vibration arthrography as a diagnostic aid in diseases of the knee: a preliminary report, **69B**, *288
with others. What is patellofemoral crepitus?, **68B**, 496
Kerr, C.S. *with others.* Mechanoreceptors in human cruciate ligaments: a histological study, **66A**, *1072
Kerridge, G.A.M. Innominate osteotomy for Perthes' disease **65B**, 102(*discussion*)
The effects of postoperative joint immobilisation on articular cartilage degeneration following meniscectomy, **65B**, 671(*discussion*)
Kersley, J.B. The ulnar impingement syndrome, **68B**, 158(*discussion*)
Keshavarzian, A. *with others.* Indium-111 granulocyte scanning in the painful prosthetic joint: a preliminary report, **67B**, 320
Kessel, L. *with others.* Arthrography of the shoulder following surgical repair of the rotator cuff, **65B**, 219
with others. Arthrography of the shoulder after operative repair of the torn rotator cuff, **68B**, *147
with others. Operative treatment of chronic ruptures of the rotator cuff of the shoulder, **65B**, *171
Kesseler, H. *with others.* Popliteal pseudoaneurysm: a case report, **65A**, *695
Ketchum, L.D. *Book reviews*, **67A**, 1149
Kett, N. *with others.* Adult-onset hemiplegia: changes in gait after muscle-balancing procedures to correct the equinus deformity, **68A**, *1249
Kettelkamp, D.B. *Book reviews*, **66A**, 317, 813
Keys, G.W. *with* **Walters, J.** Idiopathic transient osteoporosis of the hip, **69B**, *773(*brief report*)
Keys, R.I. *with* **Kaye, J.C.** *and* **du Toit, G.** Wagner leg-lengthening, **69B**, 682
Khalifa, M.M. *with* **Wedge, J.H.** *and* **Shokeir, M.H.K.** Skeletal anomalies in 40 patients with Noonan's syndrome, **69B**, 506
Khalil, M. *with* **Brodsky, A.E.** *and* **VanDeventer, L.** Unicameral bone cyst of a lumbar vertebra: a case report, **68A**, *1283
Khalil, M.A. *with others.* Unicompartmental and bicompartmental arthroplasty of the knee with a finned metal tibial-plateau implant, **67A**, *1175
Khan, M.I. Supracondylar-intercondylar fractures of the femur treated with a supracondylar plate and lag screw, **65A**, 135(*correspondence*)
Khan, M.R.H. *with others.* Recurrent dislocation of the patella: histochemical and electromyographic evidence of primary muscle pathology, **69B**, *790
Khan, O. *with* **Chen, S.C.** A comparative study of metatarsal osteotomies with and without open reduction of associated metatarsophalangeal joint dislocations, **67B**, 671
Khan, R. *with others.* Histochemical and electrophysiological changes in the vastus lateralis muscles of patients with recurrent dislocation of the patellae, **69B**, 496
Khare, A.K. *with* **Vishwakarma, G.K.** Amniotic arthroplasty for tuberculosis of the hip: a preliminary clinical study, **68B**, *68
Khermosh, O. *with others.* Residual abduction of the forefoot: a review of the Turco procedure for congenital club foot, **69B**, *832
Khoury, G. *with others.* The Herbert screw for fractures of the scaphoid: a review of results and technical difficulties, **69B**, *124
Khurana, J.K. *with* **Seth, M.K.** Bony ankylosis of the elbow after burns, **67B**, *747
Kianta, M. *with others.* Pneumatic tourniquet paralysis: case report, **65B**, *441
Kiburz, D. Intra-articular drug abuse: case report, **66A**, *1469
Kierce, P.J. Chymopapain for the treatment of intervertebral disc prolapse: a preliminary report of a double-blind study, **65B**, 669(*discussion*)
Kijewski, P.K. *with others.* Femoral anteversion, **69A**, *1169
Kim, W.C. *with* **Shaffer, J.W.** *and* **Idzikowski, C.** Failure of treatment of ununited fractures of the carpal scaphoid: the role of non-compliance, **65A**, *985; **66A**, 1146(*correspondence*)
with others. Treatment of primary osteoarthritis of the hip: a comparison of total joint and surface replacement arthroplasty, **66A**, *228
Kim, Y.-H. *with* **Han, D.-Y.** *and* **Park, B.-M.** Total hip arthroplasty for tuberculous coxarthrosis, **69A**, *718
Kimbrough, E.E. III, Lunceford Emmett Marvin Jr., **67A**, 1450(*obituary*)
Kimura, I. *with* **Oh-Hama, M.** *and* **Shingu, H.** Cervical myelopathy treated by canal-expansive laminaplasty: computed tomographic and myelographic findings, **66A**, *914
Kimura, T. *with others.* Reconstruction of the anterior cruciate ligament by allogenic tendon graft: an operation for chronic ligamentous insufficiency, **68B**, *739
King, A.G. *with others.* Delayed paraplegia complicating sublaminar segmental spinal instrumentation, **68A**, *556
King, A.J. School screening for scoliosis in New Zealand: a pilot study, **66B**, 612(*discussion*)
King, D.M. Arthrography, arthroscopy and meniscectomy, **65B**, 521
Chevron osteotomy for the treatment of hallux valgus: a review of 75 patients, **65B**, 519(*discussion*)
Lumbar disc prolapse in the older patient, **67B**, 677
with **Lynskey, T.G.** The Chevron osteotomy for hallux valgus, **65B**, 519
King, H. *with others.* Lower-extremity rotational problems in children: normal values to guide management, **67A**, *39
King, H.A. *with others.* The selection of fusion levels in thoracic idiopathic scoliosis, **65A**, *1302
King, J. An analysis of the Stryker knee laxity recorder, **69B**, 160
King, J.B. *Book reviews*, **66B**, 467; **67B**, 512
Congenital absence of the anterior cruciate ligament, **67B**, 847(*discussion*)
Failures of arthroscopic meniscectomy, **67B**, 157(*discussion*)
Functional cast-bracing for Colles' fractures: a comparison between Orthoplast cast-bracing and conventional plaster cast, **66B**, 286(*discussion*)
Neuropathic osteonecrosis of the lateral femoral condyle in childhood, **67B**, 848(*discussion*)
Oxford unicompartmental meniscal knee arthroplasty: a preliminary report, **67B**, 848(*discussion*)
The incidence of knee-ligament injuries in 105 patients with lower-limb fractures, **67B**, 151(*discussion*)
with **Bulstrode, C.J.K.** Extra-articular carbon fibre at the knee, **67B**, 156
with **Sudlow, R.A.** *and* **Bulstrode, C.J.K.** Posterolateral instability of the knee, **67B**, 157
King, K.F. A prospective study of 100 consecutive scaphoid fractures, **65B**, 97(*discussion*)
Domestic rehabilitation of patients with fractures of the proximal femur, 782 (*discussion*)
Percutaneous orthopaedic surgery, **66B**, 778
King, R.J. *with* **Bonney, G.** Analysis of 82 thoracic-outlet explorations, **65B**, 218
with **Fiddian, N.J.** The winged scapula, **66B**, 140
with others. The technique and efficacy of manipulation in the frozen shoulder syndrome, **67B**, 495
Kingsmill Moore, J.M. Glenoid osteotomy for recurrent posterior dislocation of the shoulder, **67B**, 496(*discussion*)
Kinnard, P. The plica syndrome: a syndrome of controversy, **66B**, 305
Kinninmonth, A.W.G. *with others.* The closed interlocking femoral intramedullary nail: experience and complications in the first 100 patients, **69B**, 489
Kirby, N.G. *Book reviews*, **67B**, 166
Kirchner, P.T. *with* **Simon, M.A.** The clinical value of bone and gallium scintigraphy for soft-tissue sarcomas of the extremities, **66A**, *319
Kirkaldy-Willis, W.H. *with others.* Radiological evaluation of lumbar instability with regard to the predominant lesion concept, **66B**, 298
Kirker, J.R. Elmslie–Trillat patellar tendon transfer: technique and early results, **66B**, 611(*discussion*)
Kirkpatrick, J. *with others.* The grid radiograph: a simple technique for consistent high-resolution visualization of the hip, **68A**, *1052
Kirkup, J.R. Tarsal coalitions presenting with pain, **68B**, 155(*discussion*)
The valgus and rigid hallux, **67B**, 672
with **Marsh, C.H.** *and* **Regan, M.W.** The Bath and Wessex ankle arthroplasty, **69B**, 153
Kirkwood, J.M. *with others.* Effects of chemotherapeutic agents on bone: I. short-term methotrexate and doxorubicin (Adriamycin) treatment in a rat model, **66A**, *602
Kirwan, E. O'G. *with* Johnson, J.R. The long-term results of fusion *in situ* for severe spondylolisthesis, **65B**, *43

* Indicates full article or appreciable part

Kirwan, E.O'G. *with* **Pozo, J.L.** *and* **Jackson, A.M.** The long-term results of conservative management of severely displaced fractures of the calcaneus, **66B**, *386
with others. Osteoid osteoma and benign osteoblastoma of the spine, **66B**, *21
with others. The behaviour pattern of the scoliosis associated with osteoid osteoma or osteoblastoma of the spine, **66B**, *16
Kirz, P. *with* **Root, L.** *and* **Miller, S.R.** Posterior tibial-tendon transfer in patients with cerebral palsy, **69A**, *1133
Kiss, Z. *with* **Ireland, D.C.** Wrist arthrography: a diagnostic aid to treatment, **69B**, 163
Kitagawa, H. *with* **Kashimoto, T.** Locking of the thumb at the interphalangeal joint by one of the sesamoid bones: a case report, **66A**, *1300
Kjaersgaard-Andersen, P. *with others.* Osteoarthritis of the hip in patients with proximal femoral fractures, **69B**, *529(*brief report*)
Klaassen, M.A. *with* **Hoffman, G.** Ewing sarcoma presenting as spondylolisthesis: report of a case, **69A**, *1089
Klarke, M. *with* **Christensen, K.S.** Transcutaneous oxygen measurement in peripheral occlusive disease: an indicator of wound healing in leg amputation, **68B**, *423
Klasen, H.J. *with* **Binnendijk, B.** Fracture of the neck of the femur associated with posterior dislocation of the hip, **66B**, *45
with **Zimmerman, K.W.** Mechanical failure of intramedullary nails after fracture union, **65B**, *274
Klassen, R.A. *with* **Pettine, K.A.** Osteoid-osteoma and osteoblastoma of the spine, **68A**, *354
with others. Total hip arthroplasty in adolescents, **66B**, 301
Klein, J.P. *with others.* Results of compression-plating of closed Galeazzi fractures, **67A**, *1015
Klein, M.J. *with others.* Hodgkin disease presenting as a lesion in the wrist: a case report, **69A**, *1246
Kleinert, J.M. *with others.* Complications of scaphoid silicone arthroplasty, **67A**, *422
Kleinhans, R.J. *with others.* Complications of scaphoid silicone arthroplasty, **67A**, *422
Kleinman, M. *with* **Gross, A.E.** Achilles tendon rupture following steroid injection: report of three cases, **65A**, *1345
Kleinman, P.G. *with* **Meinhard, B.P.** The effect of adjunctive methylmethacrylate on failures of fixation anf function in patients with intertrochanteric fractures and osteoporosis, **68A**, 1303(*correspondence*)
Klenerman, L. *Book reviews*, **65B**, 106, 107, 371
Abductor contracture of the infantile hip, **67B**,150(*discussion*)
A computerised study of high femoral fractures: initial results, **67B**, 146(*discussion*)
Analysis of 82 thoracic-outlet explorations, **65B**, 218(*discussion*)
Does a tourniquet affect antibiotic absorption in knee replacement?, **68B**, 160(*discussion*)
Femoral neck fractures: an "at risk" population, **67B**, 495(*discussion*)
Tarsal coalitions presenting with pain, **68B**, 155(*discussion*)
The treatment of infected total knee replacements, **67B**, 144(*discussion*)
The Trendelenburg test after differing approaches to the hip joint, **67B**, 498(*discussion*)
Tourniquet paralysis, **65B**, 374(*editorial*)
Tourniquet safety: testing for inaccurate gauges and a better method of exsanguination, **65B**, 227(*discussion*)
with **Berman, L.** Ultrasound in the screening and management of hip displacement, **69B**, 490
with **Geary, N.P.J.** The technique and practice of the use of total contact plaster casts for neuropathic ulceration, **69B**, 159
with **Grace, D.L.** *and* **Hughes, J.R.** Comparison of Hohmann and Wilson metatarsal osteotomies, **69B**, 678
with **Guiloff, R.J.** *and* **Scadding, J.W.** Morton's metatarsalgia, **66B**, *586
with **Hughes, J.** A comparative investigation of the clinical value of different methods of measuring foot pressures, **68B**, 843
with **Hughes, J.** Surgical footwear: an assessment of the place of ready-made extra-depth shoes, **68B**, 845
with others. Alterations in the bone quality of patients with proximal femoral fractures, **68B**, 839
with others. Changes in crystal size and orientation of acidic glycosaminoglycans at the fracture site in fractured necks of femur, **65B**, *189
with others. Changes in optical properties of the inorganic and organic bone matrix components in fractured neck of femur, **65B**, 90
with others. Heel strike impulses in three dimensions: induced shear within the knee joint, **67B**, 319
with others. Major components of bone in subcapital and trochanteric fractures: a comparative study, **69B**, *234
with others. Morton's metatarsalgia: a retrospective and prospective study, **65B**, 220
Kling, T.F., Jr. *with* **Bright, R.W.** *and* **Hensinger, R.N.** Distal tibial physeal fractures in children that may require open reduction, **66A**, *647
with **Irvine, G.W.** *and* **Hensinger, R.N.** Postoperative toxic shock syndrome following osteoplasty of the hip: a case report, **66A**, *955
with **Kaufer, H.** *and* **Hensinger, R.N.** Split posterior tibial-tendon transfers in children with cerebral spastic paralysis and equinovarus deformity, **67A**, *186
with others. Bilateral fracture of the pedicle of the second vertebra in the young child, **68A**, *892
Klisić, P.J. Treatment of Perthes' disease in older children, **65B**, *419
Klosok, J.K. *with* **Pring, D.J.** *and* **Coombes, R.R.H.** Chevron or Wilson osteotomy: a comparison and follow-up, **67B**, 671
Knirk, J. *with* **Jupiter, J.** Intra-articular fractures of the distal end of the radius in young adults, **69A**, 791(*correspondence*)
Knirk, J.L. *with* **Jupiter, J.B.** Intra-articular fractures of the distal end of the radius in young adults, **68A**, *647
Knowling, M.A. *with others.* Pre-operative chemotherapy in osteosarcoma, **67B**, 329
Knutson, K. *with* **Lindstrand, A.** *and* **Lidgren, L.** Arthrodesis for failed knee arthroplasty: a report of 20 cases, **67B**, *47
with **Lindstrand, A.** *and* **Lidgren, L.** Survival of knee arthroplasties: a nation-wide multicentre investigation of 8000 cases, **68B**, *795
with others. Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **68A**, *538
with others. Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **69A**, 153(*correspondence*)
Ko, C.U. Electromyography and "bony" sciatica, **67B**, 499(*discussion*)
Scoliosis: school screening; its advantages and disadvantages, **67B**, 487(*discussion*)
Kobetic, R. *with* **Marsolais, E.B.** Functional electrical stimulation for walking in paraplegia, **69A**, *728
Koch, R.A. *with others.* Free vascularized osteocutaneous transplants from the groin for delayed primary closure in the management of loss of soft-tissue and bone in the hand and wrist: report of two cases, **67A**, *958
Kochan, A. *with* **Markolf, K.L.** *and* **Amstutz, H.C.** Measurements of knee stiffness and laxity in patients with documented absence of the anterior cruciate ligament, **66A**, *242
with **Markolf, K.L.** *and* **More, R.C.** Anterior-posterior stiffness and laxity of the knee after major ligament reconstruction, **66A**, *1460
Koffman, M. *with others.* Femoral varus-derotation osteotomy in spastic cerebral palsy, **67A**, *1229
Kofoed, H. *with* **Kristiansen, B.** External fixation of displaced fractures of the proximal humerus: technique and preliminary results, **69B**, *643
Kofsky, P.M. *with others.* Physically disabled: fitness testing, **65B**, 102
Kohn, R.L.J. *with others.* Subarachnoid block or general anaesthesia?: a study of the stress response during and after surgery for prosthetic replacement of fractured neck of femur, **65B**, 660
Köhnke, W. *with* **Erken, E.H.W.** The adolescent ankle fracture, **68B**, 506
with **Wienand, A.J.** Prevalence of fractures around the wrist, **68B**, 507
Koike, M. *with* **Cruickshank, J.L.** *and* **Dickson, R.A.** The sagittal profile in idiopathic multiple curve scoliosis, **69B**, 854
Kölbel, R. The effect of age on bone composition and viability in the femoral head, **67A**, 1303(*correspondence*)
Kolkin, J. *with* **Gristina, A.G.** Total joint replacement and sepsis, **65A**, *128(*current concepts review*)
Koman, L.A. *Book reviews*, **68A**, 958
with others. Single finger replantation, **67B**, 330
with others. The results of replantation after amputation of a single finger, **67A**, *611
Komprda, J. Hip dysplasia associated with abduction contracture of the contralateral hip, **65A**, 871(*correspondence*)
Konings, J.G. *with* **Williams, F.J.B.** *and* **Deutman, R.** The effects of chemonucleolysis as demonstrated by computerised tomography, **66B**, *417
Koniuch, M.P. *with* **Douglas, D.P.** *and* **Peimer, C.A.** Motion of the wrist after simulated limited intercarpal arthrodeses: an experimental study, **69A**, *1413
Konugres, G.S. *with* **Goldstein, E.J.C.** *and* **Wallace, S.L.** *Eikenella corrodens* as a cause of osteomyelitis in the feet of diabetic patients: report of three cases, **69A**, *940
Koop, S.E. *with* **Winter, R.B.** *and* **Lonstein, J.E.** The surgical treatment of instability of the upper part of the cervical spine in children and adolescents, **66A**, *403
Koops, H. Schraffordt, *see* Schraffordt Koops, H.
Koornneef, M. *with others.* Hepatitis B antigen in joint irrigation fluid: a hazard for hospital personnel, **69B**, *662
Kopaniky, D.R. *with others.* Infection about the spine associated with low-velocity-missile injury to the abdomen, **67A**, *1195
Kopman, C.R. *with others.* The healing of segmental bone defects induced by demineralized bone matrix: a radiographic and biomechanical study, **66A**, *274
Koppert, G. *with* **Hawkins, R.J.** *and* **Johnston, G.** Recurrent posterior instability (subluxation) of the shoulder, **66A**, *169
Kopta, J. *with* **Janssen, T.** Bilateral recurrent subtalar dislocation: case report, **67A**, *1432
Korbon, G.A. *with* **Rowlingson, J.C.** *and* **Carron, H.** The use of epidural steroids in the treatment of lumbar radicular pain, **68A**, 788(*correspondence*)
Korchek, J.I. *with others.* Results of transfer of the flexor digitorum superficialis tendons to the flexor digitorum profundus tendons in adults with acquired spasticity of the hand, **69A**, *1127

* Indicates full article or appreciable part

Koreska, J. *with* **Riley, P.M.** *and* **Gillespie, R.** Severe spondylolisthesis and spondyloptosis: results of posterolateral fusion in children and adolescents, **68B**, 856
with others. The Unit Rod in segmental instrumentation of the spine for neuromuscular scoliosis, **68B**, 853
Körner, L. *with* **Styf, J.** *and* **Suurkula, M.** Intramuscular pressure and muscle blood flow during exercise in chronic compartment syndrome, **69B**, *301
with others. The coracoid transfer for recurrent dislocation of the shoulder: technical aspects of the Bristow-Latarjet procedure, **65A**, *926
with others. Tibial condylar fractures: a twenty-year follow-up, **68A**, *13
Körner, L.M. *with* **Styf, J.R.** Chronic anterior-compartment syndrome of the leg: results of treatment by fasciotomy, **68A**, *1338
Kostuik, J.P. Arthrodesis of the shoulder, **66B**, 304
with **Errico, T.** *and* **Gleason, T.** Correction of iatrogenic lumbar kyphosis (flat back syndrome), **69B**, 503
with **Errico, T.J.** *and* **Gleason, T.F.** Spinal stabilisation of vertebral column tumours, **68B**, 853
with **Fernie, G.** Pressure sores in elderly patients, **67B**, *1(*editorial*)
with **Richard, R.** Single-stage anterior decompression and stabilisation of thoracolumbar burst injuries, **67B**, 328
with others. Cauda equina syndrome and lumbar disc herniation, **68A**, *386
with others. The spectrum and natural history of pyogenic vertebral osteomyelitis, **66B**, 299
Kotoura, Y. *with others*. Rupture of the extensor tendons of the fingers: report of three unusual cases, **68A**, *610
Kotz, R. Rotation-plasty for childhood osteosarcoma of the distal part of the femur, **65A**, 566(*correspondence*)
Kozlowski, K. *with others*. Spondylo-epi-metaphysial dysplasia with joint laxity and severe progressive kyphoscoliosis, **66B**, 454
Krackow, K.A. *with* **Cohn, B.T.** A new technique for passing tendon through bone: brief note, **69A**, *922
with **Thomas, S.C.** *and* **Jones, L.C.** A new stitch for ligament-tendon fixation, **68A**, *764(*brief note*)
with others. Results of total knee arthroplasty after failed proximal tibial osteotomy for osteoarthritis, **69A**, *225
Krajbich, J.I. *with* **Langer, F.** *and* **Brandl, T.** Secondary procedures on meniscectomised knees in Workmen's Committee Board patients, **66B**, 305
with others. Sacro-iliac joint injuries in children, **67B**, 333
Kramer, F.J.K. *with* **Abbink, E.P.** Preliminary report on the use of bovine xenografts in knee instability problems, **66B**, 282
Kramer, G.M. *with others*. The influence of prosthetic stem stiffness and of a calcar collar on stresses in the proximal end of the femur with a cemented femoral component, **66A**, *280
Kramer, R.I. *with others*. Leakage of radioactive particle systems from a synovial joint studied with a gamma camera: its application to radiation synovectomy, **65A**, *381
Krause, B.C. *with* **Horne, J.G.** Galeazzi fracture-dislocation revisited, **66B**, 613
Krause, B.L. High tibial osteotomy for osteoarthritis of the knee, **65B**, 517
The radiolucent line: a review, **67B**, 675
Krausz, T. *with others*. Autologous granulocyte scanning of painful prosthetic joints, **68B**, *647
Kremer, E.F. *with* **Atkinson, J.H., Jr.** *and* **Garfin, S.R.** Psychopharmacological agents in the treatment of pain, **67A**, *337(*current concepts review*)
Krieg, J.K. *with* **Stern, P.J.** *and* **Lim, E.V.A.** Giant metacarpal osteoma: a case report, **67A**, *487
with others. Intramedullary fixation of humeral shaft fractures, **66A**, *639
Krinick, R.M. *with* **Bonamo, J.J.** *and* **Sporn, A.A.** Rupture of the patellar ligament after use of its central third for anterior cruciate reconstruction: a report of two cases, **66A**, *1294
Krishnamoorthy, K.S. *with others*. Association of sciatica-like pain and Addison's disease: a case report, **66A**, *297
Krishnan, L. *with others*. Leiomyosarcoma of the saphenous vein: a case report and review of the literature, **69A**, *282
Krishnan, R. *with others*. A six-month surveillance programme for congenital dislocation of the hip and acetabular dysplasia, **69B**, 498
Kristiansen, B. *with* **Kofoed, H.** External fixation of displaced fractures of the proximal humerus: technique and preliminary results, **69B**, *643
Kritter, A.E. Myoelectric prostheses, **67A**, *654(*current concepts review*)
Krogh, P. *with* **Olsen, N.J.** *and* **Ejsted, R.** St Georg modular knee prosthesis: a two-and-a-half to six-year follow-up, **68B**, *787
Kroll, M.A. *with* **Otis, J.C.** *and* **Lane, J.M.** Energy cost during gait in osteosarcoma patients after resection and knee replacement and after above-the-knee amputation, **67A**, *606
Krompinger, W.J. *with* **Broom, M.J.** *and* **Bond, S.D.** Fracture of the atlantal arch causing atlanto-axial instability: report of a case, **68A**, *1289
Kronmal, R.A. *with others*. Evaluation of the use of braces to prevent injury to the knee in collegiate football players, **69A**, *2, 1468(*correspondence*)
Kruger, G.D. *with* **Rock, M.G.** *and* **Munro, T.G.** Condensing osteitis of the clavicle: a review of the literature and report of three cases, **69A**, *550
Krüger, J. Supracondylar, transcondylar and intercondylar fractures of the distal humerus in adults, **67B**, 503
Krygier, J.J. *with others*. An anthropometric basis for design in total knee arthroplasty, **69B**, 505
Kudo, H. *with* **Iwano, K.** *and* **Yoshizawa, H.** Cervical cord compression due to extradural granulation tissue in rheumatoid arthritis, **66B**, *426
Kumar, J.M. *with* **Jowett, R.L.** Fistula between the hip and the caecum, **66B**, *603
Kumar, S.J. *Book reviews*, **68A**, 157, **69A**, 158
Kumar, V.P. *with* **Balasubramaniam, P.** The role of atmospheric pressure in stabilising the shoulder: an experimental study, **67B**, *719
with **Hamblen, D.L.** *and* **Fisher, W.D.** The Guepar hinge prosthesis for salvage of failed knee arthroplasty, **65B**, 226
with **Satku, K.** *and* **Ngoi, S.S.** Anterior cruciate ligament injuries: to counsel or to operate?, **68B**, *458
with **Satku, K.** *and* **Pho, R.W.H.** Stress fractures of the tibia in osteoarthritis of the knee, **69B**, *309
Kummer, F. Fracture failure of a forged vitallium prosthesis: a case report, **65A**, 711(*correspondence*)
Kummer, F.J. *with* **Rose, R.M.** Corrosion of titanium/ cobalt-chromium alloy couples, **65A**, *1125
with **Shereff, M.J.** *and* **Bejjani, F.J.** Kinematics of the first metatarsophalangeal joint, **68A**, *392
Kunnamo, I. *with* **Kallio, P.** *and* **Ryöppy, S.** Transient synovitis and Perthes' disease: is there an aetiological connection?, **68B**, *808
Kuroki, Y. *with others*. Hip joint operation utilising Bateman UPF prosthesis in Japan, **66B**, 301
Kurz, L.T. *with others*. Intraspinal synovial cyst causing sciatica, **67A**, *865
Kutscha-Lissberg, E. *with others*. Injuries to the tarsometatarsal joint: incidence, classification and treatment, **65B**, 98
Kuwata, N. *with* **Doi, K.** *and* **Kawai, S.** Reconstruction of the thumb with a free wrap-around flap from the big toe and an iliac-bone graft, **67A**, *439
Kwok, D.C. *with others*. The response of articular cartilage to weight-bearing against metal, **66B**, *592

L

Laasonen, E.M.I. *with others*. Familial spondylolisthesis of the axis vertebra, **68B**, *704
Labelle, H. *with others*. Correction of the kyphosis in myelomeningocele patients by both anterior and posterior stabilisation procedure, **66B**, 302
with others. Natural history of scoliosis in Friedreich's ataxia, **68A**, *564; **68B**, 855
with others. Osteomesopyknosis: case report, **67A**, *652
with others. The value of computerised tomography in the evaluation of recurrent patellar subluxation, **69B**, 504
Labelle, P. *with others*. Correction of the kyphosis in myelomeningocele patients by both anterior and posterior stabilisation procedure, **66B**, 302
with others. Long-term complications of innominate osteotomy in the treatment of Legg– Perthes disease, **67B**, 332
Labelle, P.H. *with others*. Spinal segmental instrumentation for the treatment of all types of paralytic scoliosis, **66B**, 299
Labulle, H. *with others*. Pattern of muscle weakness and its relation to loss of ambulatory function in Friedreich's ataxia, **69B**, 507
Lacey, E. *with others*. Osteolysis caused by mammary carcinoma: the response to diphosphonates and prostaglandin inhibitors, **65B**, 222
Lacey, S.H. *with others*. Ewing sarcoma of the proximal phalanx of a finger: a case report, **69A**, *931
Lachiewicz, P.F. *with* **Inglis, A.E.** *and* **Ranawat, C.S.** Total ankle replacement in rheumatoid arthritis, **66A**, *340
with others. Pathological dislocation of the hip in neurofibromatosis: a case report, **65A**, *414
with others. Total hip arthroplasty in juvenile rheumatoid arthritis: two to eleven-year results, **68A**, *502
with others. Total knee arthroplasty in hemophilia, **67A**, *1361
Lachmann, S.M. *with others*. Thermographic diagnosis in athletes with patellofemoral arthralgia, **68B**, *42
Lack, W. *with* **Bösch, P.** *and* **Arbes, H.** Chronic osteomyelitis treated by cancellous homografts and fibrin adhesion, **69B**, *335
Lackman, R.D. *with* **Brighton, C.T.** *and* **Cuckler, J.M.** Absence of the glycerol phosphate shuttle in the various zones of the growth plate, **65A**, *663
Ladd, A.L. *with* **Scranton, P.E.** Congenital cervical stenosis presenting as transient quadriplegia in athletes: report of two cases, **68A**, *1371
LaFollette, B.F. Ernst Dehne, **66A**, 312(*obituary*)
with **Levine, M.I.** *and* **McNiesh, L.M.** Bilateral fracture-dislocation of the sacrum: a case report, **68A**, *1099
Lahdenranta, T.V. *with others*. Familial spondylolisthesis of the axis vertebra, **68B**, *704
Lahye, B. *with* **Gallien, R.** Septic arthritis in children, **66B**, 303

* Indicates full article or appreciable part

Lahz, J.L.C. Authors, readers, and conflicts of interests (*editorial*), **67A**, 1304(*correspondence*)
Biologic fixation: preliminary experience with porous metal-coated total hip prosthesis, **67B**, 673(*discussion*)
Chronic musculoskeletal pain: a non-orthopaedic approach, **67B**, 678(*discussion*)
Lumbar disc prolapse in the older patient, **67B**,678(*discussion*)
Lake, D. *with* **Moreau, M.** *and* **Rittenhouse, B.** Outpatient percutaneous heel cord lengthening for the treatment of equinus contractures in children, **68B**, 855
Lake, D.N.W. *with others*. Vascularity and mechanical strength in healing fractures, **65B**, 658
Lakshman, K. *with* **Scotland, T.R.** The incidence of knee-ligament injuries in 105 patients with lower-limb fractures, **67B**, 151
Lal, K.B. *with others*. The trabecular pattern of the calcaneum as an index of osteoporosis, **65B**, *195
Lalonde, J-M.A. *with* **Ghadially, F.N.** *and* **Wedge, J.H.** Experimental methods of repairing injured menisci, **68B**, *106
Lam, S.F. *with* **Leung, P.C.** Long-term follow-up of children with femoral neck fractures, **68B**, *537
Lamarque, Dr Dynamic pinning of the wrist: its limitations in the treatment of Colles' fractures, **66B**, 148(*discussion*)
Lamb, D.W. *Book reviews*, **66B**, 623; **67B**, 342
Prosthetic development for upper limb amputation, **69B**, 493
with **Chan, K.M.** Surgical reconstruction of the upper limb in traumatic tetraplegia: a review of 41 patients, **65B**, *291
with **Dick, T.** *and* **Douglas, W.B.** A wrist-powered hand prosthesis, **66B**, *742
with **Wynne-Davies, R.** *and* **Whitmore, J.M.** Five-fingered hand associated with partial or complete tibial absence and pre-axial polydactyly, **65B**, *60
with others. Dislocations of the lunate with and without fracture of the scaphoid, **66B**, *391
Lamb, G.F. Address to Eighth Combined Meeting of the Orthopaedic Associations of the English-Speaking World, **69A**, 1252
Dorsal wedge osteotomy for the treatment of hallux rigidus, **67B**, 681(*discussion*)
Fractures of the lateral condyle of the humerus in children, **67B**, 676(*discussion*)
Investigation of the lumbar spinal canal: CT scan or radiculogram, **67B**, 677(*discussion*)
Lumbar disc prolapse in the older patient, **67B**,678(*discussion*)
Repair of massive rotator cuff avulsions, **65B**, 518(*discussion*)
Sacro-iliac injuries, **66B**, 611(*discussion*)
The long-term results of anterior cervical decompression fusion in spondylotic myelopathy, **66B**, 612(*discussion*)
with **Howie, G.** Survival after amputation for malignancy, **65B**, 519
Lambert, T. *with others*. Synovectomy of the elbow in young hemophilic patients, **69A**, *264
Lambrecht-Muller, E. *with others*. Scoliosis and pregnancy, **69A**, *90
Lamesch, A.J. Dysplasia epiphysealis hemimelica of the carpal bones: report of a case and review of the literature, **65A**, *398
LaMont, R.L. *with* **Highland, T.R.** Osteomyelitis of the pelvis in children, **65A**, *230
Lancaster, J.M. *with others*. Intraspinal pathways taken by sublaminar wires during removal: an experimental study, **68A**, *1206
Lance, J.F. Cline D. Hensley, **65A**, 1032(*obituary*)
Landells, D.G. *with* **Mirza, A.B.** Modified system of segmental instrumentation of idiopathic scoliosis versus Harrington instrumentation: a comparative study, **66B**, 299
Lander, P. *with* **Lexier, R.** *and* **Hadjipavlou, A.** Pathological long-bone fractures in Paget's disease: a twelve-year multicentre review, **66B**, 297
Lander, P.H. *with* **Hadjipavlou, A.G.** A dynamic classification of Paget's disease, **68B**, *431
with others. Desmoplastic fibroma of a metatarsal: case report, **68A**, *459
Lander, R.O. Sacro-iliac injuries, **66B**, 611
with **Hardy, A.E.** Hypertension following correction of lower limb flexion contractures, **68B**, 678
Landin, L.A. *with* **Danielsson, L.G.** *and* **Wattsgård, C.** Transient synovitis of the hip: its influence, epidemiology and relation to Perthes' disease, **69B**, *238
Landmann, J. *with others*. Cyclosporin A and osteonecrosis of the femoral head, **69A**, *1226
Lane, J. *Book reviews*, **65A**, 1360
with others. Histological types of bone weakness underlying femoral neck fractures: are there any differences between trochanteric and subcapital fractures?, **67B**, 844
with others. Treatment of osteopenia and bone quality defect by fluoride, Vitamin D and calcium in patients with fracture of the femoral neck, **66B**, 288
Lane, J.M. *with* **Healey, J.H.** *and* **Vigorita, V.J.** The coexistence and characteristics of osteoarthritis and osteoporosis, **67A**, *586
with **Otis, J.C.** *and* **Kroll, M.A.** Energy cost during gait in osteosarcoma patients after resection and knee replacement and after above-the-knee amputation, **67A**, *606
with **Vigorita, V.J.** Osteoporosis, **65A**, *274(*current concepts review*)
Lane, J.M., (*continued*)
with others. Acrometastases: a study of twenty-nine patients with osseous involvement of the hands and feet, **68A**, *743
with others. Mineral parameters in early fracture repair, **66A**, *1289
with others. Pelvic Ewing's sarcoma: advances in treatment, **65A**, *738
with others. The healing of segmental bone defects induced by demineralized bone matrix: a radiographic and biomechanical study, **66A**, *274
Lane, M.J. *with others*. Standardised trunk asymmetry scores and vector stereography in idiopathic scoliosis, **66B**, 289
Lang-Stevenson, A.I. *with* **Sharrard, W.J.W.** intramedullary rodding with Bailey-Dubow extensible rods in osteogenesis imperfecta, **66B**, *227
Lange, D.R. *with others*. The effects of surgical procedures on the blood supply to the femoral head, **65A**, *1127
Lange, R.H. *with* **Lange, T.A.** *and* **Rao, B.K.** Correlative radiographic, scintigraphic, and histological evaluation of extoses, **66A**, *1454
Lange, T.A. *with* **Lange, R.H.** *and* **Rao, B.K.** Correlative radiographic, scintigraphic, and histological evaluation of extoses, **66A**, *1454
with others. Ultrasound imaging as a screening study for malignant soft-tissue tumors, **69A**, *100
Langenskiöld, A. Congenital contractual arachnodactyly: report of a case and of an operation for knee contracture, **67B**, *44
with **Videman, T.** *and* **Nevalainen, T.** The fate of fat transplants in operations for partial closure of the growth plate: clinical examples and an experimental study, **68B**, *234
Langer, F. *with* **Gross, A.E.** *and* **Esses, S.** The management of giant-cell tumours of the knee by *en bloc* excision and allograft reconstruction, **66B**, 297
with **Gross, A.E.** *and* **McDermott, A.G.P.** The role of bone grafts in prosthetic joint replacement, **67B**, 331
Lang-Stevenson, A.I. *with others*. Neuropathic ulcers of the foot, **67B**, *438
with **Krajbich, J.I.** *and* **Brandl, T.** Secondary procedures on meniscectomised knees in Workmen's Compensation Board patients, **66B**, 305
with **Locht, R.C.** *and* **Gross, A.E.** Late osteochondral allograft resurfacing for tibial plateau fractures, **66A**, *328
with **McDermott, A.G.P.** *and* **Gross, A.E.** Fresh small-fragment osteochondral allografts: follow-up of first 100 cases, **68B**, 849
with others. Biological reconstruction of skeletal defects following en bloc excision of bone tumours, **68B**, 848
with **Rock, M.G.** *and* **Cofield, R.** Intercalary allograft and custom Neer prosthesis after en bloc resection of the proximal humerus: early experience and complications, **69B**, 503
with others. A clinical and histological analysis of failed fresh osteochondral allografts, **69B**, 502
Langston, H.H. Evan Stanley Evans, **65B**, 211(*obituary*)
Langton, C.M. *with* **Porter, R.W.** *and* **Palmer, S.B.** Measurement of bone mineral content by broad-band ultrasonic attenuation, **66B**, 287
Lanir, A. *with others*. Anatomy of the normal knee as seen by magnetic resonance imaging, **68B**, *117
with others. Magnetic resonance imaging in orthopaedic surgery: a glimpse into the future, **67B**, *659
Lankenner, P.A., Jr. *with* **Micheli, L.J.** Stress fracture of the first rib: a case report, **67A**, *159
with **Micheli, L.J.** Stress fracture of the first rib, **68A**, 475(*correspondence*)
Lansinger, O. *with others*. Tibial condylar fractures: a twenty-year follow-up, **68A**, *13
Lanyon, L.E. *with* **Rubin, C.T.** Regulation of bone formation by applied dynamic loads, **66A**, *397
with **Rubin, C.T.** The effect on bone remodelling of static and graded dynamic loads, **67B**, 318
with others. The acute effect of loading on bone tissue in vivo: a possible signal for mechanical control of bone remodelling, **68B**, 840
Lapierre, L. *with others*. Pattern of muscle weakness and its relation to loss of ambulatory function in Friedreich's ataxia, **69B**, 507
LaRochelle, P.J. *with* **Miller, B.J.** The treatment of patellofemoral pain by combined rotation and elevation of the tibial tubercle, **68A**, *419
Laros, G.S. The effect of adjunctive methylmethacrylate on failures of fixation and function in patients with intertrochanteric fractures and osteoporosis, **68A**, 1303(*correspondence*)
with others. A prospective, randomized study of the management of severe ankle fractures, **67A**, *67
with others. The effect of adjunctive methylmethacrylate on failures of fixation and function in patients with intertrochanteric fractures and osteoporosis, **67A**, *1094
Larrieu, M.-J. *with others*. Synovectomy of the elbow in young hemophilic patients, **69A**, *264
Larsen, E. Longitudinal rupture of the peroneus brevis tendon, **69B**, *340
with **Bjerg-Nielsen, A.** *and* **Christensen, P.** Conservative or surgical treatment of acromioclavicular dislocation: a prospective, controlled, randomized study, **68A**, *552, 1128(*correspondence*)
Larson, D.L. *with others*. Skeletal suspension in the management of severe burns in children: a sixteen-year experience, **68A**, *1375
Larson, R.L. The knee — the physiological joint, **65A**, *143(*editorial*)
Book reviews, **67A**, 1454
Larsson, M. *with others*. Anaphylatoxin release in association with methylmethacrylate fixation of hip prostheses, **69A**, *46

* Indicates full article or appreciable part

Lau, J.H.K. *with others. Mycobacterium marinum* infection of the hand and wrist: results of conservative treatment in twenty-four cases, **69A**, *1161
with others. Paralytic hip instability in poliomyelitis, **68B**, *528
Laufer, S. *with others.* Induced moderate hypotensive anesthesia for spinal fusion and Harrington-rod instrumentation, **67A**, *1384
Laurence, A.S. *with* **Norris, S.H.** *and* **Rowley, D.I.** The use of myoglobin assay to detect tourniquet ischaemia, **67B**, 160
Laurence, M. *Book reviews*, **67B**, 851; **68B**, 343
Book reviews, **69B**, 171, 514, 860
Fracture-separation of articular cartilage in the adult knee, **67B**, 158(*discussion*)
Souter–Strathclyde arthroplasty of the rheumatoid elbow, **67B**, 154(*discussion*)
Ultra-clean air, **65B**, 375(*annotation*)
Laurenson. V.G. *with others.* Calf blood flow during total hip replacement surgery: preliminary observations, **65B**, 518
Laurian, Y. *with others.* Synovectomy of the elbow in young hemophilic patients, **69A**, *264
Lauridsen, F. *with others.* Long-term follow-up of meniscectomy in athletes: a prospective longitudinal study, **69B**, *80
Laurin, C.A. *with* **Bouillon, L.** *and* **Choy, F.** Detection and diagnosis of Gaucher's disease prior to the onset of skeletal lesions, **66B**, 302
with **White, B.L.** *and* **Fisher, W.D.** Rate of mortality for elderly patients after fracture of the hip in the 1980's, **69A**, *1335 *with* **White, B.L.** *and* **Fisher, W.D.** Mortality rate in elderly patients following hip fractures in the 1980s, **69B**, 503
Laus, M. *with* **Campanacci, M.** *and* **Boriani, S.** Multiple non-ossifying fibromata with extraskeletal anomalies: a new syndrome?, **65B**, *627
Lautenbach, E.E.G. Knee ligament injuries, **66B**, 450(*discussion*)
Lautenschlager, E.P. *with* **Wixson, R.L.** The effect of centrifugation on the fracture properties of acrylic bone cements, **68A**, 1127(*correspondence*)
Lavalette, R. *with* **Pope, M.H.** *and* **Callahan, G.** Setting temperatures of synthetic casts, **67A**, *262
Lavallée, P. *with* **Leclerc, L.** The atlanto-axial rotatory dislocation in children, **67B**, 333
Lavender, J.P. *with others.* Autologous granulocyte scanning of painful prosthetic joints, **68B**, *647
with others. Indium-111 granulocyte scanning in the painful prosthetic joint: a preliminary report, **67B**, 320
Lavernia, C. *with* **Convery, F.R.** Assessment of the risk of vertebral fracture in menopausal women, **69A**, 952(*correspondence*)
Lavine, L.S. *Book reviews*, **66A**, 973
with **Grodzinsky, A.J.** Electrical stimulation of repair of bone, **69A**, *626(*current concepts review*), 1111(*correspondence*)
Lavoie, M.V. *with others.* Restoration of bone stock in the multiply revised implant, **69B**, 508
Law, H.T. *with* **Minns, R.A.** *and* **Hughes, S.P.F.** A new apparatus for the measurement of spatial and temporal parameters of gait, **69B**, 493
with others. Electrical stimulation of fracture healing assessed by the extraction of methylene diphosphonate, **65B**, 364
with others. The effect of induced electric currents on bone after experimental osteotomy in sheep, **67B**, *463
with others. The mechanism of diffusion of antibiotics through acrylic bone cements, **69B**, 497
Law, W.A. Sir Henry Osmond-Clarke, **69B**, 485(*obituary*)
Law, W.B. Idiopathic scoliosis: is it really?, **66B**, 790(*discussion*)
Lawford, P.V. *with others.* Vascularity and mechanical strength in healing fractures, **65B**, 658
Lawhon, S.M. *with* **MacEwen, G.D.** *and* **Bunnell, W.P.** Orthopaedic aspects of the VATER association, **68A**, *424
Lawley, M.J. *with others.* Arthroscopy — "no-problem surgery": an analysis of complications in two thousand six hundred and forty cases, **68A**, *256
Lawlor, D.L. *with* **Dooley, B.J.** *and* **O'Brien, B. McC.** Microvascular osteocutaneous transfer using the groin flap and iliac crest to replace severe traumatic loss of skin and bone in the extremities, **65B**, 96
Lawrence, K.L. *with* **Bucholz, R.W.** *and* **Ross, S.E.** Fatigue fracture of the interlocking nail in the treatment of fractures of the distal part of the femoral shaft, **69A**, *1391
Lawson, D.E.M. *with* **Gallagher, J.A.** 25-OHD$_3$ and 24,25(OH)$_2$D$_3$ are not accumulated in rachitic rat bone during the initial phase of healing, **65B**, 92
Lawton, A. *with* **Ross, R.E.** *and* **Gourevitch, D.** A prospective randomised trial of functional bracing in Colles' fractures, **66B**, 776
Lawton, J.H. Late results after correction of hallux valgus deformity by basilar phalangeal osteotomy, **69A**, 950(*correspondence*)
Lawton, J.O. *with* **Baker, M.R.** *and* **Dickson, R.A.** Femoral neck fractures: an anatomical, biochemical and clinical study, **65B**, 90
with **Butt, W.P.** *and* **Dickson, R.A.** Experimental idiopathic scoliosis, **65B**, *657
with **Fitton, J.M.** Osteoclastomata (giant-cell tumours): a 30-year review of the Leeds Bone Tumour Registry, **68B**, 671
with Scott, S.A.J. *and* **Dickson, R.A.** Physiological treatment for idiopathic scoliosis: experimental basis, **67B**, 160
with others. Bi-planar spinal asymmetry: the pathogenesis of idiopathic scoliosis, **66B**, 143
Lawton, J.O., (*continued*)
with others. Combined median and coronal plane asymmetry: the essential lesion of progressive idiopathic scoliosis, **65B**, 368
with others. Femoral neck fractures: an "at risk" population, **67B**, 494
with others. Markers of nutritional status in elderly females with fracture of the neck of the femur, **67B**,160
with others. The pathogenesis of idiopathic scoliosis, **66B**, *8
Lawton, L. *with others.* The Unit Rod in segmental instrumentation of the spine for neuromuscular scoliosis, **68B**, 853
Leach, R.E. *Book reviews*, **66A**, 638
Leahey, J.L. *with* **Chess, D.G.** *and* **Hyndman, J.C.** Short arm plaster for paediatric distal forearm fractures, **69B**, 506
with **Chess, D.G.** Aetiology of the "gunstock deformity", **69B**, 501
Learmonth, I.D. An approach providing immediate functional movement of the postoperative knee and hip, **66B**, 453(*discussion*)
with **Beighton, P.H.** *and* **Christy, G.** Namaqualand hip dysplasia: an autosomal dominant entity, **67B**, 506
with **Dall, D.M.** *and* **Miles, A.W.** Technical accuracy in osteotomies about the knee, **68B**, 503
with **Dowdle, E.B.** An appraisal of some of the biochemical factors involved in the degradation of cartilage in rheumatoid arthritis, **66B**, 461
with **Heywood, A.W.B.** *and* **Thomas, M.** Safe, simple occipitocervical fusion, **69B**, 684
with **Kaye, J.C.** *and* **Heywood, A.W.B.** Total hip replacement in juvenile chronic arthritis, **69B**, 682
with others. Long-term follow-up of Charnley low-friction arthroplasty of the hip, **67B**, 503
Le Balc'h, T. *with others.* Synovectomy of the elbow in young hemophilic patients, **69A**, *264
Lecavalier, M.A. *with others.* The response of articular cartilage to weight-bearing against metal, **66B**, *592
Leclerc, L. *with* **Lavallée, P.** The atlanto-axial rotatory dislocation in children, **67B**, 333
Leddy, J.P. *Book reviews*, **68A**, 157
Lee, A.J.C. *with others.* Cementing technique and the effects of bleeding, **69B**, *620
Lee, D.G. *Book reviews*, **67B**, 514
Lee, E.H. *with others.* Anterior transposition for ulnar neuropathy at the elbow, **67B**, 329
Lee, H.P. *with others.* Idiopathic scoliosis: prevalence and ethnic distribution in Singapore schoolchildren, **67B**, *182
Lee, M.S. *with* **Georgopoulos, G.** *and* **Pizzutillo, P.D.** Occipito-Atlantal instability in children: a report of five cases and review of the literature, **69A**, *429
with others. Experience of real-time ultrasonography of the infant hip joint, **67B**, 149
with others. Real-time ultrasound in the diagnosis of congenital dislocation and dysplasia of the hip, **67B**, *406
Lee, P.C. *with* **Hsu, L.C.S.** *and* **Leong, J.C.Y.** Dystrophic spinal deformities in neurofibromatosis, **66B**, *495
Lee, P.W. A simple and comprehensive orthopaedic auditing system, **65B**, 663(*discussion*)
Leeds, H.C. *with* **Ehrlich, M.G.** Instability of the distal tibiofibular syndesmosis after bimalleolar and trimalleolar ankle fractures, **66A**, *490, 1320 (*correspondence*)
Leendertz, J.A. *with others.* The application of photon absorption densitometry to the assessment of fracture healing, **69B**, 495
Leffert, R.D. *with* **Jupiter, J.B.** Non-union of the clavicle: associated complications and surgical management, **69A**, *753
Legendre, P. *with others.* Iliopsoas muscle transfer in low-lumbar myelomeningocele: parameters associated with a stable hip, **67B**, 333
Lehman, R.C. *with others.* A modified Bristow–Helfet– May procedure for recurrent dislocation and subluxation of the shoulder: report of two hundred and twelve cases, **69A**, *904
Lehman, W. *with* **Jones, W.W.** Intravenous lidocaine for anesthesia in the lower extremity: a prospective study, **67A**, 664(*correspondence*)
Lehman, W.L. *with* **Jones, W.W.** Intravenous lidocaine for anesthesia in the lower extremity: a prospective study, **66A**, *1056
Lehmann, E.C.H. *with* **Harris, W.R.** Recurrent giant-cell tumour after *en bloc* excision of the distal radius and fibular autograft replacement, **65B**, *618
Lehmann, T. *with others.* Lumbar disc herniation: a comparison of the results of chemonucleolysis and open discectomy after ten years, **68A**, *43
Lehto, M. *with* **Duance, V.C.** *and* **Restall, D.** Collagen and fibronectin in a healing skeletal muscle injury: an immunohistological study of the effects of physical activity on the repair of injured gastrocnemius muscle in the rat, **67B**, *820
Leicht, P. *with others.* Prophylactic antibiotics in amputation of the lower extremity for ischemia: a placebo-controlled, randomized trial of cefoxitin, **67A**, *800

* Indicates full article or appreciable part

Leichter, I. *with* **Simkin, A.** *and* **Margulies, J.** Bone-mineral content in the lower limb: relationship to cross-sectional geometry, **67A**, 1142(*correspondence*)
with **Simkin, A.** *and* **Margulies, J.Y.** Effect of intense physical activity on the bone-mineral content in the lower limbs of young adults, **69A**, 793(*correspondence*)
with others. Effect of intense physical activity on the bone-mineral content in the lower limbs of young adults, **68A**, *1090
Leighton, R. *with others.* Closed versus open nailing of femurs, **68B**, 849
Leighton, R.K. *with* **Hyndman, J.C.** Acute haematogenous osteomyelitis, **67B**, 332
with **Petrie, D.P.** Compression arthrodesis of the wrist, **66B**, 296
Lemon, J.G. Volumetric changes during polymerisation of CMW, Palacos R and Simplex P, **65B**, 367
Lenczner, E. *with* **Delaney-Baxter, M.P.** *and* **Armstrong, G.W.D.** Orthopaedic manifestations of amyloidosis, **67B**, 328
with **Froncioni, J.** Injuries to the distal biceps tendon, **67B**, 329
Lennox, C.M.E. *with* **Minns, R.J.** *and* **Porter, B.B.** A study of the factors responsible for pain relief after upper tibial wedge osteotomy, **68B**, 670
Lennox, D.W. *with others.* Results of total knee arthroplasty after failed proximal tibial osteotomy for osteoarthritis, **69A**, *225
Lenthall, G.E. *with* **McEwan, S.J.** *and* **Francis, M.J.O.** Prostaglandin E release from bone and muscle tissue after tibial fracture in the adult rat, **67B**, 317
Leonard, M.A. *with others.* Radiation-free demonstration of spinal shape, **68B**, 679
Leonard, M.A.C. *with others.* An ultrasonic method for measuring spinal curvature, **67B**, 320
Leong, J.C.Y. *with* **Fang, D.** *and* **Fang, H.S.Y.** Tuberculosis of the upper cervical spine, **65B**, *47
with **Hsu, L.C.S.** *and* **Jaffray, D.** Talectomy for club foot in arthrogryposis, **66B**, *694
with **Hsu, L.C.S.** *and* **Jaffray, D.** The Batchelor–Grice extra-articular subtalar arthrodesis, **68B**, *125
with **Hsu, L.C.S.** *and* **Lee, P.C.** Dystrophic spinal deformities in neurofibromatosis, **66B**, *495
with **Hsu, L.C.S.** Tuberculosis of the lower cervical spine (C2 to C7), **66B**, *1
with **Luk, K.D.K.** *and* **Ho, H.C.** The iliolumbar ligament: a study of its anatomy, development and clinical significance, **68B**, *197
with **McNicol, D.** *and* **Hsu, L.C.S.** Supramalleolar derotation osteotomy for lateral tibial torsion and associated equinovarus deformity of the foot, **65B**, *166
with **Tang, S.C.** *and* **Hsu, L.C.S.** Lambrinudi triple arthrodesis for correction of severe rigid drop-foot, **66B**, *66
with others. One-stage combined anterior and posterior excision of hemivertebrae in the lower lumbar spine, **69B**, 854
with others. Paralytic hip instability in poliomyelitis, **68B**, *528
Lesin, B.E. *with* **Balfour, G.W.** Acute rupture of the medial collateral ligament of the elbow requiring reconstruction: case report, **68A**, *1278
Lesker, P.A. *with others.* Intrinsic flexor-tendon repair: a morphological study *in vitro*, **66A**, *385
with **Schoenecker, P.L.** *and* **Ogata, K.** A dynamic canine model of experimental hip dysplasia: gross and histological pathology, and the effect of position of immobilization on capital femoral epiphyseal blood flow, **66A**, *1281
Leslie, I.J. A comparative study of cemented and uncemented Thompson prostheses, **65B**, 218(*discussion*)
Femoral neck fractures: an "at risk" population, **67B**, 495(*discussion*)
Glenoid osteotomy for recurrent posterior dislocation of the shoulder, **67B**, 496(*discussion*)
Lessana-Leibowitch, M. *with others.* Dermatitis due to orthopaedic implants: a review of the literature and report of three cases, **69A**, *1408
Lester, J.G. Arthrography, arthroscopy and meniscectomy, **65B**, 521(*discussion*)
Segmental phenolisation for the treatment of ingrown toenails: a randomised controlled study, **65B**, 519(*discussion*)
The Mayo ankle arthroplasty, **65B**, 520
Lettin, A.W.F. Book reviews, **66B**, 153
Electrical studies in the problem back: a blind trial, **66B**, 281(*discussion*)
Is there any place for fusion in simple bachache?, **67B**, 151(*discussion*)
Knee arthrodesis in unfavourable circumstances, **67B**,145(*discussion*)
Patellofemoral malfunction following Attenborough total knee replacement, **66B**, 147(*discussion*)
The correlation of a functional study of the rheumatoid elbow with the x-ray patterns of disease and its application to elbow arthroplasty, **67B**, 154(*discussion*)
The outcome of infected arthroplasty of the knee, **68B**, 160(*discussion*)
The treatment of infected total knee replacements, **67B**, 144(*discussion*)
The use of ceramics for bone replacement, **66B**, 280(*discussion*)
Tibial fracture-healing patterns seen when using external skeletal fixation, **67B**, 146(*discussion*)
with **Craig, D.M.** *and* **Scales, J.T.** Stanmore total knee replacements, **65B**, 225
with **Kavanagh, T.G.** *and* **Scales, J.T.** The long-term results of Stanmore total knee replacements, **66B**, *349
Lettin, A.W.F., (*continued*)
with others. Assessment of the survival and the clinical results of Stanmore total knee replacements, **66B**, *355
with others. The Stanmore total elbow replacement for rheumatoid arthritis, **66B**, *732
with others. Total elbow replacement: 10 years of the Stanmore hinged total elbow, **65B**, 227
Letts, M. *with* **Vincent, N.E.** *and* **Gouw, G.** The "floating knee" in children, **68B**, *442
with others. Metastatic osteosarcoma and multiple lung resection: a case report, **68B**, *748
Letts, R.M. Fractures associated with elbow dislocation, **69B**, 507
with **Doerner, E.** Conversation in the operating theatre as a cause of airborne bacterial contamination, **65A**, *357; **66A**, 472(*correspondence*)
with **Locht, R.C.** *and* **Wiens, J.** Monteggia fracture-dislocations in children, **67B**, *724
with **Wiens, J.** *and* **Locht, R.C.** Monteggia fracture-dislocations in children, **66B**, 301
with others. A review of the Manitoba school screening programme for scoliosis and its influence on surgical treatment, **68B**, 855
Leung, K.Y.K. *with others.* Diseases of the hip: a comparative study of Japanese Oriental and American white patients, **67A**, *1376
Leung, P. *with* **Reid, D.C.** A study of the odontoid process, **68B**, 852
Leung, P.C. Reconstruction of a large femoral defect using a vascular pedicle iliac graft: case report, **65A**, *1179
with **Chow, Y.Y.N.** Reconstruction of proximal femoral defects with a vascular-pedicled graft, **66B**, *32
with **Lam, S.F.** Long-term follow-up of children with femoral neck fractures, **68B**, *537
with **Leung, Y.K.** The efficacy of manipulative treatment for sternomastoid tumours, **69B**, *473
with **Wong, W.L.** The vessels of the first metatarsal web space: an operative and radiographic study, **65A**, *235
Leung, Y.K. *with* **Leung, P.C.** The efficacy of manipulative treatment for sternomastoid tumours, **69B**, *473
Levack, B. Complications of displaced fractures (Type II Neer) the outer end of the clavicle, **67B**, 493(*discussion*)
The Trendelenburg test after differing approaches to the hip joint, **67B**, 498(*discussion*)
with **Flannagan, J.P.** *and* **Hobbs, S.** Results of surgical treatment of patellar fractures, **67B**, *416
with **Kernohan, J.** *and* **Wilson, J.N.** Entrapment of the superficial peroneal nerve: three case reports, **67B**, *60
with others. Free vascularised fibular graft in the treatment of congenital pseudarthrosis of the tibia, *64, **67B**, 490(*discussion*)
Levai, J-P. *with* **McLeod, H.C.** *and* **Freeman, M.A.R.** Why not resurface the patella?, **65B**, *448
with others. Cementless fixation of the acetabular component of the hip, **66B**, 147
Leve, A.R. *with* **Brodell, J.D.** Disengagement and intrapelvic protrusion of the screw from a sliding screw-plate device: a case report, **65A**, *697; **66A**, 473(*correspondence*)
Lever, E.G. *with* **Pettingale, K.W.** Albright's syndrome associated with a soft-tissue myxoma and hypophosphataemic osteomalacia: report of a case and review of the literature, **65B**, *621
Levin, P.E. *with* **Schoen, R.W.** *and* **Browner, B.D.** Radiation exposure to the surgeon during closed interlocking intramedullary nailing, **69A**, *761
Levine, A.M. *with* **Edwards, C.C.** The management of traumatic spondylolisthesis of the axis, **67A**, *217, 824(*correspondence*)
with **Oreck, S.L.** *and* **Burgess, A.** Traumatic lateral displacement of the scapula: a radiographic sign of neurovascular disruption, **66A**, *758
Levine, M.I. *with* **LaFollette, B.F.** *and* **McNiesh, L.M.** Bilateral fracture-dislocation of the sacrum: a case report, **68A**, *1099
Levinsohn, E.M. *with* **Mino, D.E.** *and* **Palmer, A.K.** Radiography and computerized tomography in the diagnosis of incongruity of the distal radio-ulnar joint: a prospective study, **67A**, *247
Levinson, J.E. *with* **Jacobsen, S.T.** *and* **Crawford, A.H.** Late results of synovectomy in juvenile rheumatoid arthritis, **67A**, *8, 824(*correspondence*)
Levit, F. *Book reviews*, **66A**, 638
Levy, I.M. *with others.* Medial restraints to anterior-posterior motion of the knee, **66A**, *930
Levy, M. Repair of triceps tendon avulsions or ruptures, **69B**, *115(*brief report*)
with others. Condensing osteitis of the clavicle: a case report, **66A**, *1484
Levy, R.N. Osteotomy of the tibial tubercle in total knee replacement: a technical note, **65A**, 1207(*correspondence*)
with others. Complications of Ender-pin fixation in basicervical, intertrochanteric, and subtrochanteric fractures of the hip, **65A**, *66, 1031(*correspondence*), 1355(*correspondence*)
Lewallen, D.G. *with* **Bryan, R.S.** *and* **Peterson, L.F.A.** polycentric total knee arthroplasty: a ten-year follow-up study, **66A**, *1211
with others. Comparison of the effects of compression plates and external fixators on early bone-healing, **66A**, *1084
Lewis, A.F. To what extent is fracture of the femoral neck becoming more common?, **68B**, 156

* Indicates full article or appreciable part

Lewis, A.G. *with* **DeLee, J.C.** Type-1 complex dislocation of the first metatarsophalangeal joint — open reduction through a dorsal approach: a case report, **66A**, *1120
Lewis, J.L. *with others.* The influence of prosthetic stem stiffness and of a calcar collar on stresses in the proximal end of the femur with a cemented femoral component, **66A**, *280
Lewis, M.M. *with others.* Hodgkin disease presenting as a lesion in the wrist: a case report, **69A**, *1246
Lewis, N.S. *with others.* Herpetic infections in the fingers of infants: report of five cases, **69A**, *137
Lewis, R.C. *with* **Tenny, J.R.** Digital nerve-grafting for traumatic defects, **66A**, *1375
Lexier, R. *with* **Lander, P.** *and* **Hadjipavlou, A.** Pathological long-bone fractures in Paget's disease: a twelve-year multicentre review, **66B**, 297
Leyshon, A. *with* **Ireland, J.** *and* **Trickey, E.L.** The treatment of delayed union and non-union of the carpal scaphoid by screw fixation, **66B**, *124
Leyshon, R.L. *Book reviews*, **67B**, 169
An *in vitro* investigation into the biomechanical staus of nylon cerclage bands, **66B**, 278(*discussion*)
Lateral subluxation of the patella in extension, **67B**, 848(*discussion*)
Non-union of the carpal scaphoid treated by wedge grafting, **66B**, 277(*discussion*)
Preliminary report on the use of bovine xenographs in knee instability problems, **66B**, 282(*discussion*)
with **Channon, G.M.** *and* **Jenkins, D.H.R.** Late flexible carbon-fibre ligament reconstruction for knee instability, **65B**, 227
with **Matthews, J.P.** Acetabular erosion and the Monk "hard top" hip prosthesis, **66B**, *172
with others. Flexible carbon fibre in late ligamentous reconstruction for instability of the knee, **66B**, *196
with others. Treatment of osteopenia and bone quality defect by fluoride, Vitamin D and calcium in patients with fracture of the femoral neck, **66B**, 288
Li, W.K. *with others.* Pelvic Ewing's sarcoma: advances in treatment, **65A**, *738
Lian, E.C.-Y. *with* **Montane, I.** *and* **McCollough, N.C., III.** Synovectomy of the knee for hemophilic arthroplasty, **68A**, *210
Liang, Q.-Y. *with* **Wu, J.-W.** Fracture of the patella treated by open reduction and external compressive skeletal fixation, **69A**, *83
Libson, E. *with others.* Spondylosis in the upper lumbar spine: a study of 32 patients, **69B**, *582
Liddell, W.A. Fractures of the thoracolumbar spine: a treatment protocol based on a morphological classification, **67B**, 674(*discussion*)
Lumbar disc prolapse in the older patient, **67B**, 678(*discussion*)
with others. Double-level fractures of the cervical spine, **65B**, 520
Lidge, R.T. *with others.* Osteochondritis dissecans of the patella, **69B**, *320
Lidgren, L. *with* **Knutson, K.** *and* **Lindstrand, A.** Arthrodesis for failed knee arthroplasty: a report of 20 cases, **67B**, *47
with **Knutson, K.** *and* **Lindstrand, A.** Survival of knee arthroplasties: a nation-wide multicentre investigation of 8000 cases, **68B**, *795
with others. Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **68A**, *538
with others. Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **69A**, 153(*correspondence*)
with others. Surface replacement of the elbow in rheumatoid arthritis, **66B**, *737
with others. Synovectomy of the knee in juvenile chronic arthritis: a retrospective, consecutive follow-up study, **68B**, *223
Lidor, C. *with others.* Levels of active metabolites of vitamin D_3 in the callus of fracture repair in chicks, **69B**, *132
Liebelt, R.A. *with others.* Biplane radiographic measurements of reversible displacement (including clinical loosening) and migration of total joint replacements, **65A**, *1134
Lieber, L. *with* **Macy, N.J.** *and* **Habermann, E.T.** Arthritis caused by *Clostridium septicum*: a case report and review of the literature, **68A**, *465
Lieber, R.L. *with others.* Ankle and knee position as a factor modifying intracompartmental pressure in the human leg, **66A**, *1415
Lifeso, R. Atlanto-axial tuberculosis in adults, **69B**, *183
Lifeso, R.M. *with* **Al Saati, F.** The treatment of infected and non-infected diaphysial non-unions, **66B**, 296
with **Al-Saati, F.** The treatment of infected and uninfected non-union, **66B**, *573
with **Harder, E.** *and* **McCorkell, S.J.** Spinal brucellosis, **67B**, *345
with **Weaver, P.** *and* **Harder, E.H.** Tuberculous spondylitis in adults, **67A**, *1405
Light, L.H. *with others.* Heel strike impulses in three dimensions: induced shear within the knee joint, **67B**,319
Light, T.R. *with others.* Herpetic infections in the fingers of infants: report of five cases, **69A**, *137
Lightowler, C.D.R. *Book reviews*, **68B**, 170, 514, **69B**, 860
Lightwood, R. *with* **McMinn, D.J.W.** The electrical effects of internal fixation on the biology of long bone healing, **68B**, 498
Lim, E.V.A. *with* **Day, L.J.** Thrombosis of the axillary artery complicating proximal humeral fractures: a report of three cases, **69A**, *778
with **Stern, P.J.** *and* **Krieg, J.K.** Giant metacarpal osteoma: a case report, **67A**, *487
with **Stern, P.J.** Candida infection after implant arthroplasty: a case report, **68A**, *143
Lim, S.M.L. *with* **Pho, R.W.H.** *and* **Satku, K.** Late metastases from osteogenic sarcoma: a case report, **67A**, *147
Limbird, R.S. *with* **Aaron, R.K.** Laterally comminuted fracture-dislocation of the ankle, **69A**, *881
Lin, E. *with others.* Painful piezogenic heel papules: a case report, **67A**, *640
Lin, F. *with others.* Leiomyosarcoma of the saphenous vein: a case report and review of the literature, **69A**, *282
Lin, J.J. *with* **Hensley, C.D.** Massive intrasynovial deposition of calcium pyrophosphate in the elbow: a case report, **66A**, *133
Lin, L. *with others.* Early diagnosis of scoliosis based on school-screening, **67A**, *1202
Lin, P.S. *with others.* Iliofemoral fusion for proximal femoral focal deficiency, **69A**, *837
Lind, B. *with others.* Recurrences after initial dislocation of the shoulder: results of a prospective study of treatment, **65A**, *343
Lindahl, S. *with* **Romanus, B.** *and* **Stener, B.** Accessory soleus muscle: a clinical and radiographic presentation of eleven cases, **68A**, *731
Lindén, B. *with* **Bauer, M.** *and* **Jonsson, K.** Osteochondritis dissecans of the ankle: a 20-year follow-up study, **69B**, *93
Lindenbaum, B.L. Loss of the medial malleolus in a bimalleolar fracture: a case report, **65A**, *1184
Lindeque, B.G.P. *with others.* Fat embolism and the fat embolism syndrome: a double-blind therapeutic study, **69B**, *128
Lindeque, G.P. *with* **de Klerk, A.J.** Plain words for the diagnosis of acute ligamentous injury of the knee, **66B**, 454
Lindequist, S. *with* **Hougaard, K.** *and* **Nielsen, L.B.** Computerised tomography after posterior dislocation of the hip, **69B**, *556
Linder, L. *with* **Hansson, H-A.** Ultrastructural aspects of the interface between bone and cement in man: report of three cases, **65B**, *646
Lindholm, B. *with* **Hammer, R.** *and* **Edholm, P.** Stability of union after tibial shaft fracture, **66B**, *529
Lindsey, R.W. *with* **Piepmeier, J.** *and* **Burkus, J.K.** Tortuosity of the vertebral artery: an adventitious finding after cervical trauma: a case report, **67A**, *806
Lindstrand, A. *with* **Knutson, K.** *and* **Lidgren, L.** Arthrodesis for failed knee arthroplasty: a report of 20 cases, **67B**, *47
with **Knutson, K.** *and* **Lidgren, L.** Survival of knee arthroplasties: a nation-wide multicentre investigation of 8000 cases, **68B**, *795
Ling, R.S.M. *Book reviews*, **68B**, 342
Address to Eighth Combined Meeting of the Orthopaedic Associations of the English-Speaking World, **69A**, 1251
with **Newman, N.W.** Acetabular bone destruction related to non-steroidal anti-inflammatory drugs, **69B**, 508
with others. Cementing technique and the effects of bleeding, **69B**, *620
with others. The venous foot pump, **68B**, 667
Linge, K. *with* **Dowd, G.S.E.** *and* **Bentley, G.** Measurement of transcutaneous oxygen pressure in normal and ischaemic skin, **65B**, *79
with others. Transcutaneous oxygen levels and stump healing in lower limb amputation for peripheral vascular disease, **66B**, 290
Linscheid, R.L. *with* **Czitrom, A.** *and* **Dobyns, J.H.** Ulnar variance in carpal instability, **69B**, 501
Linson, M.A. The use of epidural steroids in the treatment of lumbar radicular pain: a prospective, randomized, double-blind study, **67A**, 982(*correspondence*)
Lipscomb, A.B. *with* **Anderson, A.F.** Tears of the anterior cruciate ligament in adolescents, **68A**, *19
with others. Fracture of the tibial tuberosity with associated ligamentous and meniscal tears: a case report, **66A**, *790
Lipson, S.J. Cervical myelopathy and posterior atlanto-axial subluxation in patients with rheumatoid arthritis, **67A**, *593
Lipton, M.H. *with* **Jacobs, D.M.** *and* **Russell, S.M.** Anaphylactic reactions following intradiscal injection of chymopapain under local anesthesia, **66A**, 806(*correspondence*)
Lissberg, E. Kutscha-, *see* Kutscha-Lissberg, E.
Lister, G.D. *with others.* Complications of scaphoid silicone arthroplasty, **67A**, *422
Liston, J. *with others.* The Princess Margaret Rose Orthopaedic Hospital halo-body fixation system, **66B**, 148
Livermore, N. *with* **Armstrong, G.W.D.** *and* **Denis, F.** A morphological classification of thoracolumbar injuries, **67B**,499
with **Armstrong, G.W.D.** *and* **Denis, F.** Fractures of the thoracolumbar spine: a treatment protocol based on a morphological classification, **67B**, 674
Livni, E. *with others.* Leakage of radioactive particle systems from a synovial joint studied with a gamma camera: its application to radiation synovectomy, **65A**, *381
Ljung, P. *with others.* Pre-operative and postoperative scintimetry after femoral neck fracture, **66B**, *49
Lloyd, T. *with others.* Assessment of the risk of vertebral fracture in menopausal women, **69A**, *212, 952(*correspondence*)

Lloyd-Roberts, G.C. *Book reviews*, **66B**, 154
A review of the treatment of congenital knee dislocation, **67B**, 847(*discussion*)
with **Addison, A.** *and* **Fixsen, J.A.** A review of the Dillwyn Evans type collateral operation in severe club feet, **65B**, *12
with **Green, A.D.L.** *and* **Fixsen, J.A.** Talectomy for arthrogryposis multiplex congenita, **66B**, *697
with **Green, A.D.L.** The results of early posterior release in resistant club feet: a long-term review, **67B**, *588
with **Jackson, A.M.** *and* **Albert, J.S.** Avulsion of the distal pole of the patella in cerebral palsy: a cause of deteriorating gait, **67B**, *252; **67B**, 846(*discussion*)
with **Wetherill, M.H.** *and* **Fraser, M.** Trochanteric advancement for premature arrest of the femoral capital growth plate, **67B**, *21
with others. A long-term review of tibialis anterior
tendon transfer in congenital club foot, **67B**, 490
Locht, R.C. *with* **Gross, A.E.** *and* **Langer, F.** Late osteochondral allograft resurfacing for tibial plateau fractures, **66A**, *328
with **Letts, R.M.** *and* **Wiens, J.** Monteggia fracture-dislocations in children, **67B**, *724
with **Wiens, J.** *and* **Letts, R.M.** Monteggia fracture-dislocations in children, **66B**, 301
Locke, T.J. *with others*. Electromyography and "bony" sciatica, **67B**, 499
with others. Is water-soluble radiculography accurate in predicting the level of bony entrapment of lumbosacral nerve roots?, **67B**, 499
Lockstadt, H. *with others*. Intra-articular reconstruction of the anterior cruciate ligament with and without extra-articular supplementation by transfer of the biceps femoris tendon, **69A**, *275
with others. Partial biceps femoris tendon transfer as extra-articular augmentation of an intra-articular anterior cruciate ligament reconstruction, **69B**, 511
Lockstadt, H.D. *with* **Bailey, S.I.** *and* **Haddad, R.G.** Evaluation of fractures of the ring of the atlas, **68B**, 852
Loder, R.T. *with* **Herring, J.A.** Disarticula ion of the knee in children: a functional assessment, **69A**, *1155
Lofthouse, R.N. *with* **Raskob, G.E.** *and* **Hull, R.D.** Methodological guidelines for clinical trials evaluating new therapeutic approaches in bone and joint surgery, **67A**, *1294(*current concepts review*)
Lomas, F. *with* **McNicol, D.** *and* **Booth, A.** Gallium-67: its place in orthopaedic nuclear imaging, **66B**, 781
Lombardo, S.J. *with* **Jobe, F.W.** *and* **Stark, H.** Reconstruction of the ulnar collateral ligament in athletes, **68A**, *1158
with **Retting, A.C.** *and* **Kerlan, R.K.** Radiographic abnormalities of the iliac apophysis in adolescent athletes, **65A**, *444, 1207(*correspondence*)
with others. Surgical treatment of tears of the rotator cuff in athletes, **68A**, *887
with others. The coracoid transfer for recurrent anterior instability of the shoulder in adolescents, **67A**, *383
London, M.D. *with others*. Fibrous dysplasia: an analysis of options for treatment, **69A**, *400
London, P.S. *Book reviews*, **67B**, 166
Medical lessons from the Falkland Islands' campaign: report of a meeting of the United Services Section of the Royal College of Medicine, **65B**, *507
Longnecker, D.E. *with others*. Nitrogen-gas injection from a power reamer: a complication of closed intramedullary nailing of the femur: technical note, **65A**, *860
Lonstein, J. *with others*. Scheuermann kyphosis: follow-up of Milwaukee-brace treatment, **69A**, *50
Lonstein, J.E. *with* **Akbarnia, B.A.** Operative treatment of spinal deformities in patients with cerebral palsy or mental retardation: an analysis of one hundred and seven cases, **65A**, *43
with **Carlson, J.M.** The prediction of curve progression in untreated idiopathic scoliosis during growth, **66A**, *1061
with **Koop, S.E.** *and* **Winter, R.B.** The surgical treatment of instability of the upper part of the cervical spine in children and adolescents, **66A**, *403
with **Winter, R.B.** *and* **Moe, J.H.** Posterior spinal arthrodesis for congenital scoliosis: an analysis of the cases of two hundred and ninety patients, five to nineteen years old, **66A**, *1188
with others. Adult idiopathic scoliosis treated by anterior and posterior spinal fusion, **69A**, *843
Loomer, R.L. *with* **Beauchamp, C.P.** Arthrotomography of the shoulder, **66B**, 303
with **Graham, B.** The anatomical basis for axillary nerve injury during inferior capsular shift surgery of the shoulder, **69B**, 502
with others. Intramedullary fixation of tibial shaft fractures with AO and Grosse-Kempf locking nails: a review of 70 consecutive fractures, **67B**, 325
Loos, P.J. *with others*. Osteoid-osteoma: intraoperative tetracycline–fluorescence demonstration of the nidus, **69A**, 310(*correspondence*)
Lord, F.C. *with others*. The treatment of adamantinoma of the tibia by wide resection and allograft bone transplantation, **69A**, *1177
Lorenz, M. *with* **McCulloch, J.** Chemonucleolysis for herniated nucleus pulposus in adolescents, **67A**, *1402
with others. The isolated fracture of the ulnar shaft: treatment without immobilization, **65A**, *339
Lorenz, M.A. *with others*. *Pseudomonas aeruginosa* bone and joint infection in drug abusers, **65A**, *829
Losse, G. *with others*. Instrumented measurement of anterior laxity of the knee, **67A**, *720
Lothe, K. *with* **Spycher, M.A.** *and* **Rüttner, J.R.** Focal lacunar resorption in the articular cartilage of femoral heads, **67B**, *543
Lotke, P.A. *Book reviews*, **68A**, 957
with **Ecker, M.L.** Indications for the treatment of deep venous thrombosis following total knee replacement, **66A**, *202, 1145(*correspondence*)
Lotman, D.B. Indications for the treatment of deep venous thrombosis following total knee replacement, **66A**, 1144(*correspondence*)
Lotz, J. *with* **Wade, W.J.** Magnetic resonance imaging in Perthes' disease, **69B**, 683
Loudon, I. *with others*. Electrical stimulation of fracture healing assessed by the extraction of methylene diphosphonate, **65B**, 364
Loudon, J.R. *with* **Johnson, R.** Plaquenil and pulmonary embolism after low-friction arthroplasty, **67B**, 153
with **Roberts, J.A.** Vesico-acetabular fistula, **69B**, *150(*brief report*)
Louhimo, I. *with* **Heikkilä, E.** *and* **Ryöppy, S.** The management of primary acetabular dysplasia: its association with habitual side-lying, **67B**, *25
Louis, D.S. *Book reviews*, **68A**, 1310
with **Greene, T.L.** Compartment syndrome of the arm — a complication of the pneumatic tourniquet: a case report, **65A**, *270; **66A**, 630(*correspondence*)
with **Hankin, F.M.** *and* **Greene, T.L.** Chronic capitolunate instability, **69A**, 950(*correspondence*)
with **Huebner, J.J., Jr.** *and* **Hankin, F.M.** Rupture and displacement of the ulnar collateral ligament of the metacarpophalangeal joint of the thumb: preoperative diagnosis, **68A**, *1320
Louw, J.A. Anterior vascular rib pedicle bone graft and posterior fusion and instrumentation in tuberculosis of the spine, **69B**, 684
Harrington distraction instrumentation supplemented with sublaminar wires in unstable fracture-dislocations of the thoracic and lumbar spine, **68B**, 508
Percutaneous needle biopsy of the spine as a method of histological diagnosis, **67B**, 508(*discussion*)
Lovallo, J.L. *with* **Banta, J.V.** *and* **Renshaw, T.S.** Adolescent idiopathic scoliosis treated by Harrington-rod distraction and fusion, **68A**, *1326
Love, B.R. The indications for lateral patellar release, **68B**, 337
with **Rush, J.H.** *and* **Row, P.** The development of a foot-pressure plate, **69B**, 165
Love, B.R.T. Acetabular socket fixation with emphasis on cement pressurisation, **66B**, 787
Ceramics for bone replacement, **65B**, 668(*discussion*)
Femoral neck offset: its significance in the practice of total hip joint replacement, **65B**, 665
Fractures of the shaft of femur in road traffic accidents, **66B**, 783(*discussion*)
with **Wright, K.** Leg length discrepancy after total hip joint replacement, **65B**, 103
Lovell, W.W. *with* **Kehl, D.K.** *and* **Alonso, J.E.** Scoliosis secondary to an osteoid-osteoma of the rib: a case report, **65A**, *701
Low, W. *with* **Yelton, C.** Iatrogenic subtrochanteric fracture: a complication of Zickel nails, **68A**, *1237
Lowdon, I.M.R. Superficial peroneal nerve entrapment: a case report, **67B**, *58
Lowe, G.D.O. *with others*. Total knee arthroplasty in haemophilic arthritis, **65B**, *163
Lowe, J. *with others*. Spondylosis in the upper lumbar spine: a study of 32 patients, **69B**, *582
with others. The Oswestry experience with the ICLH double-cup arthroplasty, **68B**, 160
Lowe, L.W. *with others*. The development of an unconstrained elbow arthroplasty, **66B**, *243
Lowell, J.D. *with others*. Intravenous methylmethacrylate after total hip replacement, **66A**, *443
Lower, R.F. *with* **McNiesh, L.M.** *and* **Callaghan, J.J.** Computed tomographic documentation of intra-articular penetration of a screw after operations on the shoulder: a report of two cases, **67A**, *1120
Lowrey, D.G. *with* **Moss, S.H.** *and* **Wolff, T.W.** Volar dislocation of the capitate: report of a case, **66A**, *611
Lowrie, I.G. *with* **Meggitt, B.F.** Hindfoot recovery in tibial shaft fractures, **69B**, 679
with **O'Doherty, D.P.** *and* **Gregg, P.J.** Caisson disease of the talus, **69B**, *847(*brief report*)
with **Reyes, E.** *and* **Meggitt, B.F.** Functional recovery of tibial shaft fractures: fixed versus hinged ankle cast brace, **69B**, 153
with others. CT scanning of os calcis fractures, **69B**, 159
with others. Changes in sesamoid position after surgery for hallux rigidus and valgus, **69B**, 158

* Indicates full article or appreciable part

Lozada, P.J. *with* **Viviani, G.R.** *and* **Ghista, D.N.** A surgical technique to correct spinal deformities using combined distraction and segmental corrective forces application, **66B**, 299
with others. Results in scoliosis fusion using segmental wires to spinous processes combined with distraction rods, **68B**, 853
Lozano, L. *with others*. Perioperative cefamandole prophylaxis against infections, **69A**, *1189
Lozano, M.L. *with others*. Prophylactic cefamandole in orthopaedic surgery, **66A**, *1219
Lozman, H. *with* **Robbins, H.** Injury to the superior gluteal artery as a complication of total hip-replacement arthroplasty: a case report, **65A**, *268
Lozman, J. *with others*. Diagnosis of meniscal tears using high-resolution computed tomography: correlation with arthroscopy, **69A**, *498
Luba, R. *with* **Rosman, M.** Bunions in children: treatment with a modified Mitchell osteotomy, **67B**, 334
Luba, R.M. *with* **Costello, B.G.** The severely traumatised lower extremity: reconstruction or amputation?, **66B**, 295
with **Maistrelli, G.L.** *and* **Barrington, T.W.** The Madreporic cementless total hip arthroplasty: a short-term North American experience, **68B**, 852
Lubicky, J.P. *with* **McAfee, P.C.** *and* **Werner, F.W.** The use of segmental spinal instrumentation to preserve longitudinal spinal growth: an experimental study, **65A**, *935
with others. The natural history of spondylolysis and spondylolisthesis, **66A**, *699
with others. The value of computed tomography in thoracolumbar fractures: an analysis of one hundred consecutive cases and a new classification, **65A**, *461
Lubsen, Ch.C. *with* **Vegter, J.** Fractional necrosis of the femoral head epiphysis after transient increase in joint pressure: an experimental study in juvenile rabbits, **69B**, *530
Lucas, G.L. Intravenous lidocaine for anesthesia in the lower extremity: a prospective study, **67A**, 664(*correspondence*)
with **Samani, D.** Orthopaedic complications of Raynaud syndrome: a case report, **69A**, *1093
Luchini, M.A. *with* **Sarokhan, A.J.** *and* **Micheli, L.J.** Acute displaced femoral-shaft fractures in long-distance runners: two case reports, **65A**, *689
Lui, S. *with others*. Fractures of the forearm treated by compression plating: a retrospective review, **67B**,326
Lui, S.M. *with others*. Treatment of unstable fractures of the distal radius by external fixation, **67B**,*385
Luisiri, A. *with others*. Arthrography in the diagnosis of fractures of the distal end of the humerus in infants, **68A**, *599
Luk, K.D.K. *with* **Ho, H.C.** *and* **Leong, J.C.Y.** The iliolumbar ligament: a study of its anatomy, development and clinical significance, **68B**, *197
with **Pun, W.K.** Unrecognised compartment syndrome in a patient with tourniquet palsy, **69B**, *97 *with others*. *Mycobacterium marinum* infection of the hand and wrist: results of conservative treatment in twenty-four cases, **69A**, *1161
with others. One-stage combined anterior and posterior excision of hemivertebrae in the lower lumbar spine, **69B**, 854
Lukanga-Ndawula, A. *with others*. Burkitt's lymphoma in the appendicular skeleton, **65B**, *464
Lumb, G.A. *with* **Chapman, J.A.** The effect of zinc deficiency on experimental fracture healing, **66B**, 287
Lunceford, E.M., Jr. *with others*. Primary aspergillosis of the spine mimicking Pott's paraplegia, **66A**, *1481
Lundberg, A. *with* **Goldie, I.** In vivo kinematic analysis of the foot, **69B**, 678
Lundberg, B. *with others*. The coracoid transfer for recurrent dislocation of the shoulder: technical aspects of the Bristow-Latarjet procedure, **65A**, *926
Lundborg, G.N. *with others*. Flexor tendon healing and restoration of the gliding surface: an ultrastructural study in dogs, **65A**, *70
Lunn, P. *with others*. Rupture of the calcaneal tendon: the early and late management, **69B**, *416
Lunn, P.G. *with* **Fulford, G.E.** *and* **Macnicol, M.F.** A prospective study of conservative versus operative management of Perthes' disease, **67B**, 147
with others. Conservative versus surgical treatment for Achilles tendon rupture, **66B**, 284
with others. The Herbert screw for fractures of the scaphoid: a review of results and technical difficulties, **69B**, *124
Lunsford, B.R. *with* **Walters, R.L.** Energy cost of paraplegic locomotion, **67A**, *1245
Lurie, H.I. *with others*. Dynamic musculotendinous transfer to replace the anterior cruciate ligament in the dog, **65B**, *650
Lusskin, R. *with others*. Femoral neuropathy secondary to pressurized cement in total hip replacement: treatment by decompression and neurolysis: report of a case, **69A**, *623
Lutton, P. *with others*. Design of a cementless modular ceramic knee with screw fixation: "a preliminary report", **68B**, *336
Luxhøj, T. *with others*. The Catterall classification of Perthes' disease: an assessment of reliability, **68B**, *614
Lynch, A.F. *with* **Dickson, R.A.** The relationship of complications to the time between myelography and discectomy, **65B**, *259
Lynch, F. *with* **Mick, C.A.** Reconstruction of the peroneal retinaculum using the peroneus quartus: a case report, **69A**, *296
Lynch, J.M. *with others*. A six-month surveillance programme for congenital dislocation of the hip and acetabular dysplasia, **69B**, 498
Lynch, M. *with others*. External wear of the polyethylene socket in cemented total hip arthroplasty, **69B**, *61
with others. deep infection in Charnley low-friction arthroplasty: comparison of plain and gentamicin-loaded cement, **69B**, *355
Lynch, M.C. *with* **Taylor, J.F.** Facet joint injection for low back pain: a clinical study, **68B**, *138
with **Taylor, J.F.** Periosteal division and longitudinal growth in the tibia of the rat, **69B**, *812
Lynskey, T.G. *with* **Dyson, P.H.P.** *and* **Catterall, A.** Congenital hip dysplasia: problems in the diagnosis and management of the abnormal hip in the first year, **69B**, 155
with **King, D.M.** The Chevron osteotomy for hallux valgus, **65B**, 519
Lyon, D.W. *with* **Tregonning, R.J.A.** Elmslie-Trillat patellar tendon transfer: technique and early results, **66B**, 610
Lyons, T. *with* **Shepherd-Wilson, W.** *and* **Walters, J.** The use of Ender's nails in femoral shaft fractures, **68B**, 505
Lysholm, J. *with* **Hamberg, P.** *and* **Gillquist, J.** A comparison between arthroscopic meniscectomy and modified open meniscectomy, **66B**, *189
with **Hamberg, P.** *and* **Gillquist, J.** Suture of new and old peripheral meniscus tears, **65A**, *193
Lyszakowski, T. *with others*. Epiphysial growth after free fibular transfer with and without microvascular anastomosis: experimental study in the dog, **65B**, *493

M

Ma, S.M. *with* **Kabo, J.M.** *and* **Amstutz, H.C.** Frictional torque in surface and conventional hip replacement, **65A**, *366
McAfee, P.C. *with* **Regan, J.J.** *and* **Bohlman, H.H.** Cervical cord compression from ossification of the posterior longitudinal ligament in non-orientals, **69B**, *569 *with others*. Failure of stabilization of the spine with methylmethacrylate: a retrospective analysis of twenty-four cases, **69A**, 1109(*correspondence*)
with others. The anterior retropharangeal approach to the upper part of the cervical spine, **69A**, *1371
Macafee, A.L. *with others*. Injuries of the cervical spine in schoolboy rugby football, **66B**, *500
McAfee, P.C. *with* **Bohlman, H.H.** *and* **Yuan, H.A.** Anterior decompression of traumatic thoracolumbar fractures with incomplete neurological deficit using a retroperitoneal approach, **67A**, *89
with **Bohlman, H.H.** Complications following Harrington instrumentation for fractures of the thoracolumbar spine, **67A**, *672
with **Lubicky, J.P.** *and* **Werner, F.W.** The use of segmental spinal instrumentation to preserve longitudinal spinal growth: an experimental study, **65A**, *935
with **Pattee, G.A.** *and* **Bohlman, H.H.** Compression of a sacral nerve as a complication of screw fixation of the sacro-iliac joint: a case report, **68A**, *769
with others. Failure of stabilization of the spine with methylmethacrylate: a retrospective analysis of twenty-four cases, **68A**, *1145
with others. The value of computed tomography in thoracolumbar fractures: an analysis of one hundred consecutive cases and a new classification, **65A**, *461
McAllion, S. *with* **Paterson, C.R.** *and* **Miller, R.** Osteogenesis imperfecta with dominant inheritance and normal sclerae, **65B**, *35
McAndrew, M.P. *with* **Weinstein, S.L.** A long-term follow-up of Legg-Calvé-Perthes disease, **66A**, *860
McArthur, R.A. Peripheral posterior detachment of the lateral meniscus, **66B**, 788
McAuley, J.P. *with* **Alexander, D.I.** Results of treatment for severe calcaneal fractures, **67B**, 326
McAuliffe, T. *with* **Helal, B.** Replacement of the first metatarsophalangeal joint with a silicone elastomer ball-shaped spacer, **68B**, 845
McAuliffe, T.B. *with* **Allen, P.W.** *and* **Grange, W.J.** Chevron osteotomy versus Silastic ball spacer in hallux valgus, **69B**, 678 *with* **Dowd, G.S.** Avulsion of the subscapularis tendon: a case report, **69A**, *1454
with **Fiddian, N.J.** *and* **Browett, J.P.** Entrapment neuropathy of the superficial peroneal nerve: a bilateral case, **67B**, *62
with others. Early mobilisation of Colles' fractures: a prospective trial, **69B**, *727
McAuslan, A.N. MacIntosh over-the-top fascia substitution for chronic anterior cruciate insufficiency, **66B**, 610(*discussion*)
McBeath, A. *with* **Templeman, D.** Iatrogenic patellar malalignment following the Roux-Goldthwait procedure, corrected by dynamic intraoperative realignment: report of two cases, **68A**, *1096
McBeath, A.A. *with* **Sponseller, P.D.** *and* **Perpich, M.** Hip arthrodesis in young patients: a long-term follow-up study, **66A**, *853

* Indicates full article or appreciable part

McBride, G.G. *with* **Bliss, D.G.** The treatment of infected total knee arthroplasties, **68B**, 333
with others. Arthroscopic partial medial meniscectomy in the older patient, **66A**, *547
with others. Osteotomy of the first cuneiform as treatment of residual adduction of the fore part of the foot in club foot, **66A**, *985
McBroom, R. *with* **Müller, M.** Aseptic loosening: fifteen years' experience with the Müller total hip arthroplasty, **66B**, 300
McBroom, R.J. *with others*. Prediction of vertebral body compressive fracture using quantitative computed tomography, **67A**, *1206
with others. Treatment of metastatic disease of the spine with posterolateral decompression and Luque instrumentation, **68B**, 852
McCall, I.W. *with* **O'Brien, J.P.** *and* **Speck, G.R.** Terminology and measurement of spondylolisthesis, **66A**, 631(*correspondence*)
McCallum, C. *with others*. Intra-articular reconstruction of the anterior cruciate ligament with and without extra-articular supplementation by transfer of the biceps femoris tendon, **69A**, *275
with others. Partial biceps femoris tendon transfer as extra-articular augmentation of an inta-articular anterior cruciate ligament reconstruction, **69B**, 511
McCampbell, E.J. *with others*. Deep-vein thrombosis in children following trauma: a report of two cases, **65A**, *839
McCarthy, I. *with others*. Electrical stimulation of fracture healing assessed by the extraction of methylene diphosphonate, **65B**, 364
McCarthy, I.D. *with* **Davies, R.** *and* **Hughes, S.P.F.** The response of the microcirculation in bone to the administration of noradrenaline and ATP, **67B**, 319
with **Hughes, S.P.F.** Bone cell metabolism and exchangeable mineral, **68B**, 495
with **Hughes, S.P.F.** Extraction and fractional escape rate of strontium-85 and ^{99m}Tc-MDP in the canine tibia, **67B**, 846
with others. The effect of induced electric currents on bone after experimental osteotomy in sheep, **67B**, *463
with others. The mechanism of diffusion of antibiotics through acrylic bone cements, **69B**, 497
with others. The volume of distribution of albumin and methylene diphosphonate in normal and infected bone, **68B**, 841
McCarthy, R.E. *with* **Redman, D.S.** *and* **Jimenez, J.F.** Sarcoidosis in the long bones of a child: a case report and review of the literature, **65A**, *1010
with others. Allograft bone in spinal fusion for paralytic scoliosis, **68A**, *370
with others. Bilateral fracture of the pedicle of the second vertebra in the young child, **68A**, *892
McCartney, E., *with others*. Ceramics for bone replacement, **65B**, 668
McCartney, E.R. *with others*. The use of ceramics for bone replacement, **66B**, *269
McCaskill, B. *with others*. Total hip arthroplasty in juvenile rheumatoid arthritis: two to eleven-year results, **68A**, *502
McCaskill, B.L. *with others*. Total hip arthroplasty with a low-modulus porous-coated femoral component: progress report, **66A**, *888
MacClean, C.R. *with others*. Radiation exposure and associated risks to operating-room personnel during use of fluoroscopic guidance for selected orthopaedic surgical procedures, **65A**, *1
MacClellan, G.E. Diagnostic vibrations, 222(*discussion*)
Osteolysis caused by mammary carcinoma: the response to diphosphonates and prostaglandin inhibitors, **65B**, 222(*discussion*)
with others. Morton's metatarsalgia: a retrospective and prospective study, **65B**, 220
McClelland, C.J. Peripheral repair as an alternative to meniscectomy, **68B**, 160(*discussion*)
McCollister Evarts, C. Biologic fixation: preliminary experience with metal-coated total hip prosthesis, **67B**, 673
Day-case closed partial meniscectomy, **67B**, 675(*discussion*)
Dissolving the lumbar disc, **67B**, 673(*discussion*)
Incidence and prevention of deep venous thrombosis, **67B**,675(*discussion*)
The assessment of trauma management in the Wellington region, **67B**, 680(*discussion*)
McCollough, N.C., III. *with* **Montane, I.** *and* **Lian, E.C.-Y.** Synovectomy of the knee for hemophilic arthroplasty, **68A**, *210
McConnell, J.C. *with* **Stewart, M.J.** *and* **Beeler, T.C.** Compression arthrodesis of the ankle: evaluation of a cosmetic modification, **65A**, *219
McCorkell, S.J. *with* **Lifeso, R.M.** *and* **Harder, E.** Spinal brucellosis, **67B**, *345
McCormack, R.G. *with* **Meek, R.N.** Closed femoral osteotomy, **68B**, 854
MacCormick, J.C. Elmslie–Trillat patellar tendon transfer: technique and early results, **66B**, 611(*discussion*)
Primary total hip replacement for intracapsular fractures of the femur, **66B**, 614(*discussion*)
McCowan, S. *with* **Kellam, J.F.** *and* **Tile, M.** A review of unstable pelvic ring fractures treated by open reduction and internal fixation, **69B**, 501
with **Millstein, S.** *and* **Hunter, G.A.** Traumatic partial foot amputations: a long-term follow-up study, **69B**, 503
McCoy, G.F. *with* **Graham, H.K.** *and* **Mollan, R.A.B.** A new injury of the distal radio-ulnar joint, **67B**,*302
with **Graham, H.K.** *and* **Piggot, J.** Supracondylar fractures of the humerus in childhood: results of straight lateral traction, **68B**, 155
with **Piggot, J.** *and* **Graham, H.K.** Supracondylar fractures of the humerus in children: treatment by straight lateral traction, **68B**, *577
with others. Injuries of the cervical spine in schoolboy rugby football, **66B**, *500
with others. Vascular injury associated with low-velocity dislocations of the knee, **69B**, *285
with others. Vibration arthrography as a diagnostic aid in diseases of the knee: a preliminary report, **69B**, *288
with others. What is patellofemoral crepitus?, **68B**, 496
McCoy, G.F.M. *with others*. Vibration arthrography in the diagnosis of internal diseases of the knee, **67B**, 844
McCoy, J.W., Jr. *with* **Bird, C.B.** Weight-lifting as a cause of compartment syndrome in the forearm: a case report, **65A**, *406
McCrea, J.D. *with others*. Vibration arthrography in the diagnosis of internal diseases of the knee, **67B**, 844
with others. Vibration arthrography as a diagnostic aid in diseases of the knee: a preliminary report, **69B**, *288
McCullagh, G.C. *with others*. Diagnostic vibrations, **65B**, 222
McCulloch, J. *with* **Lorenz, M.** Chemonucleolysis for herniated nucleus pulposus in adolescents, **67A**, *1402
McCulloch, J.A. An outpatient approach to the investigation and treatment of sciatica, **66B**, 297
Microdiscectomy for failed chemonucleolysis, **67B**, 335
with **Hall, B.B.** Anaphylactic reactions following the intradiscal injection of chymopapain under local anesthesia, **65A**, *1215; **66A**(*correspondence*)
with others. Non-cemented total hip arthroplasty, **66B**, 300
McCullough, C.J. *with others*. Axon regeneration and vascularisatioin of nerve grafts: an experimental study, **67B**, 160
with others. Tendon implantation into bone: an experimental study, **67B**, 844
McDaniel, W.J., Jr. *with* **Dameron, T.B., Jr.** Untreated ruptures of the anterior cruciate ligament: a follow-up study, **67A**, 1306(*correspondence*)
McDavid, R.F. College football: to brace or not to brace, **69A**, 1470(*correspondence*)
Evaluation of the use of braces to prevent injury to the knee in collegiate football players, **69A**, 1467(*correspondence*)
McDermott, A.G.P. *with* **Gross, A.E.** *and* **Langer, F.** The role of bone grafts in prosthetic joint replacement, **67B**, 331
with **Langer, F.** *and* **Gross, A.E.** Fresh small-fragment osteochondral allografts: follow-up of first 100 cases, **68B**, 849
with others. Biological reconstruction of skeletal defects following en bloc excision of bone tumours, **68B**, 848
with others. Restoration of bone stock in the multiply revised implant, **69B**, 508
with others. Supracondylar varus osteotomy for valgus deformity of the knee, **68B**, 854
McDevitt, C.A. *with others*. Isolation and characterization of high-buoyant-density proteoglycans from semilunar menisci, **68A**, *55
McDiarmid, A.A. Outpatient arthroscopy under local anaesthesia, **68B**, 678
Outpatient bunion surgery under local anaesthesia, **68B**, 679
MacDiarmid, A.A. Dissolving the lumbar disc, **67B**, 673
with **Cameron, H.U.** Rebuilding the deficient acetabulum in total hip arthroplasty, **67B**, 676
McDonagh, M.J.N. *with* **Hayward, C.M.** *and* **Davies, C.T.M.** Isometric training in human elbow flexor muscles: the effects on voluntary and electrically evoked forces, **65B**, 355
McDonald, D.J. *with* **Sim, F.H.** Total hip arthroplasty in Paget's disease: a follow-up note, **69A**, *766
with others. Giant-cell tumor of bone, **68A**, *235
McDonald, E.C. *with* **Eady, J.L.** *and* **McKinney, J.D.** Primary leiomyosarcoma of bone: a case report and review of the literature, **69A**, *287
McDonald, R. *with* **Southwood, R.T.** *and* **Rice, J.** Rifampicin compared to flucloxacillin in controlling experimental staphylococcal infection in rabbit hip arthroplasties, **69B**, 165
McDonnell, J.M. *with* **Makley, J.T.** *and* **Horwitz, S.J.** Familial carpal-tunnel syndrome presenting in childhood: report of two cases, **69A**, *928
MacDonald, P. *with others* Experiments in arthroplasty infection using a rabbit hip model, **65B**, 664
with others. Infection in a hip prothesis model, **65B**, 100
with others. Infection in experimental hip arthroplasties, **67B**, *229
with others. Infection in experimental hip arthroplasties II: gentamicin-incorporated bone cement, **68B**, 338
Macdonald, W. *with* **Thrum, C.B.** *and* **Hamilton, S.G.L.** Designing an implant by CT scanning and solid modelling: arthrodesis of the shoulder after excision of the upper humerus, **68B**, *208
McDonough, J.J. *with others*. Functional reconstruction of an extremity by free tissue transfer of the latissimus dorsi, **65A**, *729; **66A**, **66A**, 806(*correspondence*)
McDowell, J. *with others*. Cartilage matrix synthesis by human articular chondrocytes in vitro, **69B**, 497

* Indicates full article or appreciable part

MacEachern, A.G. Assessment of fracture healing by vibration analysis, **66B**, 286(*discussion*)
Jewett nail-plate or AO dynamic hip screw for trochanteric fractures?: a randomised prospective controlled trial, 218 (*discussion*)
Non-union of the carpal scaphoid treated by wedge grafting, **66B**, 277(*discussion*)
with **Heyse-Moore, G.H.** *and* **Jameson Evans, D.C.** Treatment of intertrochanteric fractures of the femur: a comparison of the Richards screw-plate with the Jewett nail-plate, **65B**, 262
with **Heyse-Moore, G.H.** Stable intertrochanteric femoral fractures: a misnomer?, **65B**, *582
with **Plewes, J.L.** Bilateral simultaneous rupture of the quadriceps tendons, **66B**, *81
with others. The venous foot pump, **68B**, 667
McElfresh, E.C. *with others.* Management of deformities of the forearm in multiple hereditary osteochondromas, **66A**, *670
McElwain, J.P. *with* **English, E.** *and* **Pilliar, R.M.** Radiological analysis of the English–Macnab porous-coated total shoulder replacement, **67B**, 326
with **Hunter, G.A.** *and* **English, E.** Syme's amputation in adults: a long-term review, **68B**, 849
with **Sheehan, J.M.** Bilateral hip and knee replacement for rheumatoid arthritis, **67B**, *261
McElwaine, J.P. *with* **Colville, J.** Excision arthroplasty for infected total hip replacements, **66B**, *168
McEwan, S.J. *with* **Lenthall, G.E.** *and* **Francis, M.J.O.** Prostaglandin E release from bone and muscle tissue after tibial fracture in the adult rat, **67B**, 317
MacEwen, G.D. *with* **Bassett, G.S.** *and* **Bunnell, W.P.** Treatment of idiopathic scoliosis with the Wilmington brace: results in patients with a twenty to thirty-nine degree curve, **68A**, *602
with **Kasser, J.R.** *and* **Bowen, J.R.** Varus derotation osteotomy in the treatment of persistent dysplasia in congenital dislocation of the hip, **67A**, *195
with others. Experience of real-time ultrasound of the infant hip joint, **67B**, 149
with **Lawhon, S.M.** *and* **Bunnell, W.P.** Orthopaedic aspects of the VATER association, **68A**, *424
with **Zionts, L.E.** Spontaneous improvement of post-traumatic tibia valga, **68A**, *680
with **Zionts, L.E.** Treatment of congenital dislocation of the hip in children between the ages of one and three years, **68A**, *829
with others. Real-time ultrasound in the diagnosis of congenital dislocation and dysplasia of the hip, **67B**, *406
with others. Scoliosis and pregnancy, **69A**, *90
MacFarlane, I.J.A. Amputation secondary to dislocation of the knee, **66B**, 610(*discussion*)
Macfarlane, J.D. *with* **Jonge-Bok, J.M.** The articular diversity of early haemochromatosis, **69B**, *41
McGann, W. *with* **Harris, W.H.** *and* **Burke, D.W.** Major advances in cemented total hip replacement, **67B**, 331
with **Harris, W.H.** Improved results from improved femoral cementing for total hip replacement, **68B**, 850
with **Mankin, H.J.** *and* **Harris, W.H.** Massive allografting for severe failed total hip replacement, **68A**, *4
McGann, W.A. *with* **Harris, W.H.** Loosening of the femoral component after use of the medullary-plug cementing technique: follow-up note with a minimum five-year follow-up, **68A**, *1064
McGeorge, D. *with others.* Aetiological studies in Dupuytren's disease, **66B**, 288
McGiffin, P.B. *with* **Morgan, D.A.F.** *and* **Weedon, D.DeV.** An experimental study of iatrogenically induced operating theatre burns, **66B**, 778
McGill, D.L. *with* **Rimnac, C.M.** *and* **Wright, T.M.** The effect of centrifugation on the fracture properties of acrylic bone cements, **68A**, * 281
McGinnis, E.J. *with* **Burke, J.** Stability of the ankle and subtalar joints following division of the lateral collateral ligament of the ankle and following reconstructive procedures, **68B**, 844
McGinty, J.B. *Book reviews*, **65A**, 286
Editorial, **65A**, 287
McGonigle, R. *with others.* Hyperparathyroidism and bone marrow changes, **65B**, 93
McGraw, R.W. *with* **Beauchamp, C.P.** *and* **Duncan, C.P.** Don't throw away the reamers: a new technique of hip arthrodesis, **67B**, 330
with **Claridge, R.J.** *and* **Gropper, P.T.** Swanson implant arthroplasty in the distal radio-ulnar joint, **67B**, 330
with **Gropper, P.T.** Proximal interphalangeal joint arthroplasty, **66B**, 297
with **Morton, K.S.** Osteoid-osteoma: report of a case in a sixty-year-old man, **69A**, *449
with others. Results of revision total hip surgery at Vancouver General Hospital, **68B**, 851
McGuigan, L.E. *with* **Edmonds, J.P.** *and* **Painter, D.M.** Pubic osteolysis, **66A**, *127
with **Edmonds, J.P.** Post-traumatic osteolysis of the pubic bone simulating a malignant lesion, **66A**, 1143(*correspondence*)
McGuire, M. *with others.* Grading of bone tumors by analysis of nuclear DNA content using flow cytometry, **67A**, *404
McGuire, M.H. *with others.* Magnetic resonance imaging in planning limb-salvage surgery for primary malignant tumors of bone, **68A**, *809
McGuire, T.P. *with* **Myers, P.** Ulna osteotomy for missed Monteggia fracture, **68B**, *336
with **Rackemann, S.C.** Open reduction of supracondylar fractures, **68B**, *336
Machin, D.G. *with others.* Urinary retention in men after total hip arthroplasty, **68A**, *1435
McHolick, W.J. *with others.* The natural history of spondylolysis and spondylolisthesis, **66A**, *699
McHugh, P. *with others.* Experience of real-time ultrasonography of the infant hip joint, **67B**, 149
with others. Real-time ultrasound in the diagnosis of congenital dislocation and dysplasia of the hip, **67B**, *406
McInerney, A. *with* **Houghton, G.R.** *and* **Tew, A.** Brace compliance in adolescent idiopathic scoliosis, **69B**, 852
McInerny, V.K. *with others.* Irrigating solutions for arthroscopy: a metabolic study, **65A**, *629
McInnes, A. *with others.* Histochemical and electrophysiological changes in the vastus lateralis muscles of patients with recurrent dislocation of the patellae, **69B**, 496
with others. Recurrent dislocation of the patella: histochemical and electromyographic evidence of primary muscle pathology, **69B**, *790
McIntyre, W.M. *with* **Jarvis, J.G.** *and* **England, R.E.** Computerised tomography and the triplane fracture, **69B**, 507
with **Wiley, J.J.** *and* **Portner, O.T.** Joint infections in paediatric patients, **66B**, 303
Macintosh, D. *with others.* Acute anterior cruciate rupture: diagnosis and dilemma, **68B**, 338
Macintosh, D.J. Resection and prosthetic replacement of the upper femur for malignant tumours, **68B**, 336
MacIntosh, D.L. *with* **Cameron, J.C.** *and* **Courtenay, B.G.** Knee osteotomy for collateral ligament instability, **67B**, 332
with **Cameron, J.C.** *and* **Courtenay, B.G.** Results of the surgical management of acute anterior cruciate rupture, **67B**, 336
McIntyre, W.M. *with* **Wiley, J.J.** Fracture-separation of the distal humeral epiphysis, **67B**, 333
with others. Supracondylar varus osteotomy for valgus deformity of the knee, **68B**, 854
Macintyre, I. *with others.* Identification and characterisation of the human calcitonin precursor, **65B**, 92
McIvor, J. *with* **Gillespie, R.** Patellar instability in juvenile amputees, **69B**, 506
with others. The torsional resistance of spinal fracture instrumentation, **69B**, 507
Mack, G.R. *with others.* The natural history of scaphoid non-union, **66A**, *504
McKain, C.W. *with* **Urban, B.J.** *and* **Goldner, J.L.** The effects of intravenous regional guanethidine and reserpine: a controlled study, **65A**, *808
McKay, D.W. Dorsal bunions in children, **65A**, *975
Mackay, I. *with others.* Long-term effects of excision of the radial head in rheumatoid arthritis, **66B**, *109
McKay, S.J. *Book reviews*, **65A**, 142
Mackechnie-Jarvis, A.C. *with* **Heatley, F.W.** Acetabular reconstruction, **69B**, 155
Mackecknie-Jarvis, A. A simple method of irrigation for orthopaedic sepsis, **69B**, 494
MacKecknie-Jarvis, A. *with* **Boobbyer, G.N.** Chondromalacia in adolescents: its relationship to limb maltorsion in 692 knees, **66B**, 279
McKee, D.F. *with others.* Primary aspergillosis of the spine mimicking Pott's paraplegia, **66A**, *1481
McKee, G.K. A comparative study of cemented and uncemented Thompson prostheses, **65B**, 219(*discussion*)
McKee, N.H. *with others.* Biological reconstruction of skeletal defects following en bloc excision of bone tumours, **68B**, 848
McKellar Hall, R. Supracondylar fractures of the humerus in childhood: the use of overhead skeletal traction, **65B**, 675(*discussion*)
McKendrik, D. *with others.* School screening for scoliosis in Liverpool, England, and Jeddah, Saudi Arabia: a comparison of methods, **69B**, 851
Mackenney, R.P. *with* **Oni, O.O.A.** The Cincinnati incision: a comprehensive approach for surgical procedures of the foot and ankle in childhood, **66A**, 313(*correspondence*)
with **Oni, O.O.A.** Total knee replacement in patients with Parkinson's disease, **67B**, *424
with **Scott, J.M.** Neurological complications of dislocation of the shoulder, **67B**, 496
MacKenzie, A.B. The Mayo ankle arthroplasty, **65B**, 521(*discussion*)
The radiological assessment of the anterior cruciate ligament, **66B**, 610(*discussion*)
Transient osteoporosis of the hip in children, **66B**, 612 *discussion*)
MacKenzie, A.R. CT scans for traumatic hip dislocations and posterior-rim fractures, **66B**, 612(*discussion*)
McKenzie, A.R. Dorsal wedge osteotomy for the treatment of hallux rigidus, **67B**, 681(*discussion*)

* Indicates full article or appreciable part

McKenzie, C.N. *with others*. Hyperalimentation for superior mesenteric-artery (cast) syndrome following correction of spinal deformity, **66A**, *1175
Mackenzie, D.B. Neer II total replacement of the shoulder: a report of 23 cases, **69B**, 683
Revision total knee arthroplasty, **69B**, 680
MacKenzie, D.B. The Pretoria ceramic hip prosthesis, **67B**, 502(*discussion*)
McKenzie, G.M. *with* **Gropper, P.T.** Lunatomalacia: the role of Silastic replacement arthroplasty, **66B**, 297
with **Meek, R.N.** C3 fractures of the distal femur, **67B**, 325
McKibbin, B. *with* **Howard, C.B.** *and* **Ráliš, Z.A.** The use of Dexon as a replacement for the calcaneal tendon in sheep, **67B**, *313
with **Miller, G.F.** *and* **Ráliš, Z.A.** The survival of experimental articular cartilage xenografts, **67B**, 158
Carbon fibre as a surgical implant, **66B**, *157(*editorial*)
with **Jenkins, N.H.** *and* **Freedman, L.S.** Spontaneous regression of a desmoid tumour, **68B**, *780
with others. Factors affecting the incidence of hip dislocation in cerebral palsy, **67B**, *530
Mackie, C.E.J. *with* **Tregonning, G.D.** Displaced Y-shaped intercondylar fractures of the humerus, **68B**, 677
Mackie, I. *with others*. Factors affecting the incidence of hip dislocation in cerebral palsy, **67B**, *530
with others. Late repair of the calcaneal tendon with carbon fibre, **66B**, *206
with others. The natural frequency of tibial fractures, **66B**, 287
Mackie, I.G. *with* **Cross, M.J.** *and* **Schmidt, D.R.** A no-touch test for the anterior cruciate ligament, **69B**, *300(*brief report*)
with others. Assessment of fracture healing by vibration analysis, **66B**, 286
with others. Histological types of bone weakness underlying femoral neck fractures: are there any differences between trochanteric and subcapital fractures?, **67B**, 844
with others. The contaminated skin-knife: a surgical myth, **65B**, *210
with others. Treatment of osteopenia and bone quality defect by fluoride, Vitamin D and calcium in patients with fracture of the femoral neck, **66B**, 288
McKinney, J.D. *with* **Eady, J.L.** *and* **McDonald, E.C.** Primary leiomyosarcoma of bone: a case report and review of the literature, **69A**, *287
Macko, D. *with* **Szabo, R.M.** Complications of tension-band wiring of olecranon fractures, **67A**, *1396; **68A**, 951(*correspondence*)
McKusick, K. *with others*. Detection of pulmonary emboli after total hip replacement using serial $C^{15}O_2$ pulmonary scans, **66A**, *1388
McLardy Smith, P. *with* **Ashton, I.K.** *and* **Duthie, R.B.** The effects of synovium on human cartilage matrix breakdown in tissue culture, **67B**, 158
McLardy-Smith, P.D. *with others*. Diagnostic ultrasound in haemophilia, **69B**, *103
McLaren, A.C. *with* **Bailey, S.I.** Cauda equina syndrome following lumbar discectomy, **66B**, 298
with **Ferguson, J.H.** *and* **Miniaci, A.** Crush syndrome associated with use of the fracture-table: a case report, **69A**, *1447 *with* **Miniaci, A.** Anterolateral wedge compression fractures of the thoracolumbar spine: a new seat belt injury, **69B**, 510
with **Rorabeck, C.H.** The pressure distribution under tourniquets, **67A**, *433
McLaren, C.A.N. *with* **Walsh, H.P.J.** *and* **Owen, R.** Galeazzi fractures in children, **69B**, *730
McLaren, M.I. *with* **Wood, S.K.** Surgery for hallux valgus, **69B**, 156
MacLaren, A. *with* **McQueen, M.M.** *and* **Chalmers, J.** The value of remanipulating Colles' fractures, **68B**, *232
MacLarnon, J.C. *with others*. Diagnostic ultrasound in haemophilia, **69B**, *103
Mclauchlan, J. The Stracathro approach to the hip, **66B**, *30
McLauchlan, J. *with* **Scott, J.M.** *and* **Smylie, H.G.** Sterile micro-environment in the prevention of wound infection, **67B**, 153
McLaughlin, S. *with* **Smith, R.B.** *and* **Seedhom, B.** Anterior cruciate replacement with the Leeds–Keio prosthesis, **69B**, 161
McLaughlin, T.P. *with others*. Chronic arthritis of the knee in Lyme disease: review of the literature and report of two cases treated by synovectomy, **68A**, *1057
with others. Intraspinal rhizotomy and distal cordectomy in patients with myelomeningocele, **68A**, *88
McLaurin, C.A. *with others*. A bow for application of traction to the spine: technical note, **68A**, * 306
McLean, I.D. Arthroscopic meniscectomy over 40 years of age, **68B**, 338
Arthroscopic surgery: triumph of technology over reason?, **65B**, 672
Lateral ligament injuries of the ankle in athletes, **66B**, 780
with **Deacon, O.W.** Osteochondritis dissecans and osteochondral fractures: a method of fixation, **65B**, 100
McLean, J. *with* **Hastings, D.E.** Intra-operative hip capsule culture: is this a useful test?, **68B**, 851
MacLellan, G. Outpatient arthroscopic screening, **66B**, 146(*discussion*)
Surgical repair of extensive idiopathic osteolysis of the pelvic girdle (Jackson–Gorham), **66B**, 148(*discussion*)
MacLellan, G.E. Inflammatory lesions of the anterior annulus in low back pain syndrome, **67B**, 501(*discussion*)
Posterior tibial neurovascular decompression in plantar ulcers in leprosy, **67B**, 497(*discussion*)
with others. Heel strike impulses in three dimensions: induced shear within the knee joint, **67B**, 319
McLeod, H. *with others*. Cementless fixation of the acetabular component of the hip, **66B**, 147
McLeod, H.C. *with* **Levai, J-P.** *and* **Freeman, M.A.R.** Why not resurface the patella?, **65B**, *448
McLeod, R.A. *with others*. Giant-cell tumor of bone, **68A**, *235
McLoughlin, G. *with others*. Transcutaneous oxygen levels and stump healing in lower limb amputation for peripheral vascular disease, **66B**, 290
McLoughlin, S. *with others*. The Leeds Keio ligament in chronic anterior cruciate deficiencies: the results from three centres, **69B**, 493
McMaster, M.J. A comparative study of Luque and Harrington instrumentation in the treatment of adolescent idiopathic scoliosis, **69B**, 853
Abductor contracture of the infantile hip, **67B**,149(*discussion*)
A technique for lumbar spinal osteotomy in ankylosing spondylitis, **67B**, *204
Anterior and posterior instrumentation and fusion of thoracolumbar scoliosis due to myelomeningocele, **69B**, *20
Infantile idiopathic scoliosis: can it be prevented?, **65B**, *612
Occult intraspinal anomalies and congenital scoliosis, **66A**, *588, 1319(*correspondence*)
with **Carey, R.P.L.** The lumbar theco-peritoneal shunt syndrome and its surgical management, **67B**, *198
with **David, C.V.** Hemivertebra as a cause of scoliosis: a study of 104 patients, **68B**, *588
with **Hefti, F.L.** The effect of the adolescent growth spurt on early posterior spinal fusion in infantile and juvenile idiopathic scoliosis, **65B**, *247
with **Malcolm-Smith, N.A.** The use of induced hypotension to control bleeding during posterior spinal fusion for scoliosis, **65B**, 255
with others. The Princess Margaret Rose Orthopaedic Hospital halo-body fixation system, **66B**, 148
McMillan, B.S. Primary total hip replacement for displaced intracapsular fractures of the femur, **66B**, 614(*discussion*)
McMinn, D.J.W. *with* **Lightwood, R.** The electrical effects of internal fixation on the biology of long bone healing, **68B**, 498
McMurtry, R.Y. *with* **Bell, M.J.** *and* **Hill, R.J.** Acute injuries to the metacarpophalangeal joint of the thumb: a clinical and radiological study, **68B**, 157
with **Bell, M.J.** *and* **Hill, R.J.** Ulnar impingement syndrome, **67B**, *126
with **Hill, R.J.** *and* **Bell, M.J.** The ulnar impingement syndrome, **68B**, 158
with **Paley, D.** *and* **Marks, P.** Swanson ulnar head replacement, **69B**, 501
with **Wright, C.S.** AO arthrodesis in the hand, **66B**, 296
with others Gamekeeper's thumb: a detailed prospective study of functional bracing, **68B**, 856
with others. Review of pelvic fractures in the multiply injured patient: 107 cases, **68B**, 849
with others. The results of plating humeral shaft fractures in patients with multiple injuries: the Sunnybrook experience, **67B**, *293
Macnab, I. *with* **Wardlaw, D.** Nerve-root decompression for spinal stenosis, **67B**, 150
with others. Anterior transposition for ulnar neuropathy at the elbow, **67B**, 329
with others. The spectrum and natural history of pyogenic vertebral osteomyelitis, **66B**, 299
with others. Treatment of metastatic disease of the spine with posterolateral decompression and Luque instrumentation, **68B**, 852
Macnab, J. *with others*. Ankle arthrodesis: a five year follow-up, **67B**, 326
with others. Total condylar and Oxford total knee replacements: a 3.3 year comparison, **67B**, 331
Macnab, J.J. *with* **Bourne, R.B.** *and* **Rorabeck, C.H.** Intra-articular fractures of the distal tibia: the pilon fracture, **66B**, 295
with others. A six-year follow-up of infected total hip replacements managed by Girdlestone's arthroplasty, **66B**, *340
McNamee, P.B. *with* **Bunker, T.D.** *and* **Scott, T.D.** The Herbert screw for scaphoid fractures: a multicentre study, **69B**, *631
McNeal, D.R. *with others*. Functional electrical stimulation of the peroneal nerve for hemiplegia: long-term clinical follow-up, **67A**, *792
McNeill, T. *with others*. Lumbar disc herniation: a comparison of the results of chemonucleolysis and open discectomy after ten years, **68A**, *43
McNeur, J.C. Compartment syndromes, **66B**, 790(*discussion*)
with others. The biocompatibility testing of the ceramic Mg-PSZ implanted into the paraspinalis muscles of rabbits, **65B**, 100
McNicol, D. Congenital dislocation of the hip: a connective tissue disease?, **65B**, 673(*discussion*)
Serum glycosaminoglycans in adolescent idiopathic scoliosis and the dilemma of school screening for spinal deformity, **65B**, 675(*discussion*)
with **Booth, A.** *and* **Lomas, F.** Gallium-67: its place in orthopaedic nuclear imaging, **66B**, 781
with **Leong, J.C.Y.** *and* **Hsu, L.C.S.** Supramalleollar derotation osteotomy for lateral tibial torsion and associated equinovarus deformity of the foot, **65B**, *166

* Indicates full article or appreciable part

McNicol, D., (*continued*)
with **McQueen, C.** *and* **Roughley, P.J.** Localisation of proteoglycan in the meniscus of the human knee joint, **65B**, 100
with **Mitchell, J.** *and* **DeSouza, Y.** Organisation and cost analysis of school screening for scoliosis in Australian Capital Territory, **66B**, 790
with others. The cervical disc syndrome: discographic assessment of the damaged cervical disc, **68B**, 335
with others. The use of autogenous blood transfusion in spinal surgery, **68B**, 338
Macnicol, M.F. Assessment of prognosis of the anterior cruciate deficient knee by means of tomography of the lateral tibial plateau, **67B**, 152(*discussion*)
Congenital dislocation of the hip: the value of radiography and neonatal screening for CDH, **67B**, 487
Excision of the proximal end of the femur for very stiff hips in myelomeningocele, **67B**, 148(*discussion*)
Experience of real-time ultrasonography of the infant hip joint, **67B**, 149(*discussion*)
Patellar osteotomy for intractable anterior knee pain, **67B**,156
Revision of infected hip arthroplasty, **65B**, 225(*discussion*)
The locked knee, **67B**, 488(*discussion*)
The long-term results of the Chiari procedure, **69B**, 850
with **Fulford, G.E.** Abductor contracture of the infantile hip, **67B**, 149
with **Hutchins, P.M.** Pulmonary insufficiency after long bone fractures: absence of circulating fat or significant immunodepression, **67B**, *835
with **Inglis, G.** *and* **Buxton, R.A.** Symptomatic calcaneonavicular bars: the results 20 years after surgical excision, **68B**, *128
with **Lunn, P.G.** *and* **Fulford, G.E.** A prospective study of conservative versus operative management of Perthes' disease, **67B**, 147
with **Voutsinas, S.** Surgical treatment of the symptomatic accessory navicular, **66B**, *218
with **Hogh, J.** The Chiari pelvic osteotomy: a long-term review of clinical and radiographic results, **69B**, *365
McNiesh, L.M. *with* **LaFollette, B.F.** *and* **Levine, M.I.** Bilateral fracture-dislocation of the sacrum: a case report, **68A**, *1099
with **Lower, R.F.** *and* **Callaghan, J.J.** Computed tomographic documentation of intra-articular penetration of a screw after operations on the shoulder: a report of two cases, **67A**, *1120
McPhail, M.J. *with* **Merriam, W.** *and* **Taylor, T.K.F.** Central cord syndrome revisited, **68B**, 334
with others. A reappraisal of acute traumatic central cord syndrome, **68B**, *708
McPhee, J.B. *with* **Tuffley, D.J.** The surgical management of Scheuermann's kyphosis, **65B**, 97
McPherson, J. *with* **Black, G.B.** *and* **Reed, M.H.** Traumatic "pseudodislocation" of the acromioclavicular joint in children, **69B**, 507
MacPherson, B. *with others*. Risk factors in low-back pain: an epidemiological survey, **65A**, *213
with others. Spine radiographs in patients with low-back pain: an epidemiological study in men, **66A**, *1048
MacPherson, I. *with* **Gardner, A.D.H.** *and* **Turnbull, T.J.** A study of the natural history of idiopathic scoliotic patients awaiting surgery, **68B**, 682
Macpherson, I.S. *with* **Crossan, J.F.** *and* **Allister, C.A.** Unstable fractures of the greater tuberosity of the humerus, **65B**, 225
with **Crossan, J.F.** The role of the acromioclavicular joint in chronic shoulder impingement syndromes, **67B**, 161
McQueen, A.K. *with* **Henderson, I.J.P.** The Oxford meniscal knee: the first thirty, **68B**, 336
McQueen, C. *with* **McNicol, D.** *and* **Roughley, P.J.** Localisation of proteoglycan in the meniscus of the human knee joint, **65B**, 100
McQueen, M.M. *with* **Chalmers, J.** *and* **Smith, G.D.** Spontaneous healing of aneurysmal bone cysts: a report of two cases, **67B**, *310
with **Court-Brown, C.** *and* **Scott, J.H.S.** Stabilisation of spondylolisthesis using Dwyer instrumentation, **68B**, *185
with **MacLaren, A.** *and* **Chalmers, J.** The value of remanipulating Colles' fractures, **68B**, *232
with **Smith, G.D.** *and* **Chalmers, J.** Osteosarcoma arising in relation to an enchondroma: a report of three cases, **68B**, *315
McSweeney, A.F. What is the Trendelenburg test?, **65B**, 666(*discussion*)
McSweeney, T.E. Management of the upper limb in traumatic tetraplegia, **65B**, 222(*discussion*)
Macy, N.J. *with* **Lieber, L.** *and* **Habermann, E.T.** Arthritis caused by *Clostridium septicum*: a case report and review of the literature, **68A**, *465
with **de Boer, P.** Mid-tarsal dislocation of the first ray: a case report, **65A**, *265
Maddox, P.A. *with* **Garth, W.P., Jr.** Tendinitis of the patellar ligament and quadriceps (jumper's knee) as an initial presentation of hyperparathyroidism: a case report, **68A**, * 288
Madeley, C.R. *with others*. Pathological effects of virus on bone and marrow, **65B**, 89
Madenwald, M.B. *with* **Clancey, G.J.** *and* **Smith, R.F.** Fractures of the distal end of the femur below hip implants in elderly patients: treatment with the Zickel supracondylar device, **65A**, *491
Mader, J.T. *with* **Wilson, K.J.** Comparative evaluation of cefamandole and cephalothin in the treatment of experimental *Staphylococcus aureus* osteomyelitis in rabbits, **65A**, *507
Maehara, S. *with others*. Sternocostoclavicular hyperostosis: a report of nineteen cases, with special reference to etiology and treatment, **68A**, *103
with others. The aetiology and treatment of simple bone cysts, **65B**, *633
Magnani, E. *with others*. Dextran/aspirin versus heparin/dihydroergotamine in preventing thrombosis after hip fractures, **67B**, *305
Magnussen, P.A. *with others*. A study of wound haematoma after hip surgery using ultrasound, **68B**, 497
with others. Changes in sesamoid position after surgery for hallux rigidus and valgus, **69B**, 158
with others. Does increasing the size of suction drains reduce the incidence of postoperative wound haematoma as assessed by ultrasound, **69B**, 497
Maguire, M.G. Acute traumatic haemarthrosis of the knee, **66B**, 789(*discussion*)
Maguire, W.B. Compartment syndromes, **66B**, 791(*discussion*)
Percutaneous orthopaedic surgery, **66B**, 778(*discussion*)
Safe and simple method of repair of recurrent dislocation of the sternoclavicular joint, **68B**, 332
Starvation as a cause of pathological fractures in the elderly, **66B**, 779(*discussion*)
Mahoney, O.M. *with* **Bailey, T.E., Jr.** The use of banked autologous blood in patients undergoing surgery for spinal deformity, **69A**, *329
Main, C.J. *with* **Waddell, G.** Assessment of severity in low back disorders, **67B**, 501
Maistrelli, G.L. *with* **Luba, R.M.** *and* **Barrington, T.W.** The Madreporic cementless total hip arthroplasty: a short-term North American experience, **68B**, 852
with others. Lumbar disc herniation in the elderly, **68B**, 853
with others. Osteonecrosis of the hip treated by intertrochanteric osteotomy: a 4-to 15-year follow-up, **69B**, 502
with others. Treatment of unstable fractures of the distal radius by external fixation, **67B**, *385
Mäkelä, A. *with others*. Biodegradable internal fixation for malleolar fractures: a prospective randomised trial, **69B**, *615
Maki, N.J. *with* **Chuinard, R.G.** *and* **D'Ambrosia, R.D.** Isolated, complete radial dislocation of the scaphoid: a case report and review of the literature, **65A**, 871(*correspondence*)
Makino, A. *with others*. Tissue-typing in human massive allografts of frozen bone, **69A**, *583
Makino, E. *with others*. Histological development of intervertebral disc herniation, **68A**, *1066
Makley, J.T. *with* **McDonnell, J.M.** *and* **Horwitz, S.J.** Familial carpal-tunnel syndrome presenting in childhood: report of two cases, **69A**, *928
with others. Nuclear magnetic resonance studies of Legg–Calvé–Perthes disease, **67B**, 333
with others. Nuclear magnetic resonance imaging in Legg–Calvé–Perthes disease, **66A**, *1357
Malan, M.M. The rationale of Chiari osteotomy in symptomatic hips following Perthes' disease, **69B**, 682
The role of the tibialis anterior and the long and short plantar ligaments in congenital club feet, **66B**, 450
with **van der Westhuizen, O.** Staged osteotomy and osteoclasis: a safe method of correcting angular deformities in long bones, **67B**, 506
Malberg, M. *with others*. Fracture of the pedicle of the fourth lumbar vertebra associated with contralateral spondylolysis: report of a case, **68A**, *1454
Malcolm, A.J. *with* **Smith, S.R.** *and* **Gregg, P.J.** Metaphysial changes in Perthes' disease: a hypothesis, **65B**, 367
with others. Controlled release glass as a potential bone graft substitute, **65B**, 364
with others. Pathological effects of virus on bone and marrow, **65B**, 89
Malcolm, B.W. *with others*. Fractures of the forearm treated by compression plating: a retrospective review, **67B**, 326
Malcolm-Smith, N.A. *with* **McMaster, M.L.** The use of induced hypotension to control bleeding during posterior spinal fusion for scoliosis, **65B**, *255
Malcom, L.L. *with others*. Instrumented measurement of anterior laxity of the knee, **67A**, *720
Maldonado-Cocco, J.A. *with* **García-Morteo, O.** *and* **Babini, J.C.** Ectopic ossification following total hip replacement in juvenile chronic arthritis, **65A**, *812
Malerich, M.M. *with* **Rovner, R.A.** *and* **Baird, R.A.** Fatal toxic shock syndrome as a complication of orthopaedic surgery: a case report, **66A**, *952
Malhotra, D. *with* **Puri, R.** *and* **Owen, R.** Valgus deformity of the ankle in children with spina bifida aperta, **66B**, *381
with others. Slipped upper femoral epiphysis and primary juvenile hypothyroidism, **67B**, *14
Malinin, T.I. *with others*. Failure of posterior cervical fusions using cadaveric bone graft in children, **67A**, *370
Malkin, C. *with* **Ben-Itzhak, I.** *and* **Ben-Meir, G.** A comparative study of three principal operative methods of high tibial osteotomy for the treatment of medial and patellofemoral compartment osteoarthritis of the knee, **68B**, 504

* Indicates full article or appreciable part

Mallens, W.M.C. *with* **Diercks, R.L.** *and* **Sauter, A.J.M.** Aneurysmal bone cyst in association with fibrous dysplasia: a case report, **68B**, *144
Mallory, T. *Book reviews*, **66A**, 813
Mallory, T.H. *with others*. Excessive metal release due to loosening and fretting of sintered particles on porous-coated hip prostheses: report of two cases, **68A**, *606
Malluche, H.H. *with* **Faugere, M-C.** Comparison of different bone-biopsy techniques for qualitative and quantitative diagnosis of metabolic bone diseases, **65A**, *1314
Maloney, W.J. *with* **Woolson, S.T.** *and* **Schurman, D.J.** Time-related improvement in the range of motion of the hip after total replacement, **67A**, *1251
Maña, J. *with others*. Prophylactic cefamandole in orthopaedic surgery, **66A**, *1219
Manco, L.G. *with others*. Diagnosis of meniscal tears using high-resolution computed tomography: correlation with arthroscopy, **69A**, *498
Mandell, B.B. Double plantar fasciotomy for treatment of the mobile cavus foot, **66B**, 457(*discussion*)
Presidential address, South African Orthopaedic Association, **68B**, *499
Mandt, P.R. *with others*. Heparin-associated thrombocytopenia with venous thrombosis: a case report, **67A**, *1123
Manfrini, M. *with others*. Giant-cell tumor of bone in skeletally immature patients, **65A**, *486
Mangat, T.S. A prospective study of the treatment of acromioclavicular dislocation, **66B**, 279(*discussion*)
Bracing or plaster for Colles' fractures?: a randomised prospective controlled trial, **65B**, 221(*discussion*)
Diagnostic criteria for nerve root involvement in backache, **65B**, 223(*discussion*)
Dynamic pinning of the wrist: its limitations in the treatment of Colles' fractures, **66B**, 148(*discussion*)
Prospective CT study of the effect of chemonucleolysis, **66B**, 281(*discussion*)
The technique and efficacy of manipulation in the frozen shoulder syndrome, **67B**, 495(*discussion*)
Mani, K. *with* **Sundararaj, G.D.** Surgical reconstruction of the hand with triple nerve palsy, **66B**, *260
Mankin, H.J. *Book reviews*, **65A**, 878, 1361; **67A**, 829, 990
A pilot study of the growth potential of the physis in a sheep tibia model, **66B**, 778(*discussion*)
Amputation secondary to dislocation of knee, **66B**, 610(*discussion*)
Disc bone grafting in protrusio acetabuli, **66B**, 787(*discussion*)
Domestic rehabilitation of patients with fractures of the proximal femur, **66B**, 782(*discussion*)
Eosinophilic granuloma of the spine, **66B**, 780(*dicussion*)
Gastrosoleal flap reinforcement in acute rupture of the Achilles tendon: five-year review, **66B**, 781(*discussion*)
Late reactivation of osteomyelitis in long bones, **66B**, 782(*discussion*)
Normal kinematics of the lumbar spine and pelvis, **66B**, 611(*discussion*)
Orthopaedics in 1887: advances and current problems, **69A**, 1257
Orthopaedics in 2013: a prospection, **65A**, *1190
Post-traumatic conversion paralysis, **66B**, 779(*discussion*)
Posterior lumbar spinal fusion with sparing of the iliac crest: a long-term review of the first 100 patients in a personal series, **66B**, 786(*discussion*)
Resurfacing arthroplasty of the hip, **66B**, 614(*discussion*)
Scheuermann's disease (spinal osteochondrosis) as an aetiological factor in lumbar disc prolapse in young persons, **66B**, 611(*discussion*)
Synovium as a surface replacement, **66B**, 609(*discussion*)
Transient osteoporosis of the hip in children, **66B**, 612(*discussion*)
Richard Jay Smith, **69A**, 1305(*obituary*)
with **Bell, R.S.** *and* **Doppelt, S.H.** Osteomyelitis in Gaucher disease, **68A**, *1380
with **Gray, D.H.** *and* **Treadwell, B.V.** Protein messengers in pathogenesis of arthritis, **67B**, 680
with **Joyce, M.J.** Caveat arthroscopos: extra-articular lesions of bone simulating intra-articular pathology of the knee, **65A**, *289
with **McGann, W.** *and* **Harris, W.H.** Massive allografting for severe failed total hip replacement, **68A**, *4
with **Tomford, W.W.** *and* **Fredericks, G.R.** Studies on cryopreservation of articular cartilage chondrocytes, **66A**, *253
with **Cohen, J.** Crawford Jennings Campbell, **65A**, 1209(*obituary*)
with **Tomford, W.W.** *and* **Ploetz, J.E.** Bone allografts of femoral heads: procurement and storage, **68A**, *534
with **Trippel, S.B.** *and* **van Wyk, J.J.** Localization of Somatomedin-C binding to bovine growth-plate chondrocytes *in situ*, **68A**, *897
with others. Adriamycin binding by osteosarcoma cells: assessment by flow cytometry, **67B**, 320
with others. Assessment of malignancy of cartilage tumors using flow cytometry: a preliminary report, **65A**, *779
with others. Desmoplastic fibroma of bone: a report of eight cases and review of the literature, **67A**, *732
with others. Elaboration of neutral proteoglycanase by growth-plate tissue cultures, **69A**, *76
with others. Evaluation of Gaucher disease using magnetic resonance imaging, **68A**, *802
with others. Grading of bone tumors by analysis of nuclear DNA content using flow cytometry, **67A**, *404
Mankin, H.J., (*continued*)
with others. Irrigating solutions for arthroscopy: a metabolic study, **65A**, *629
with others. Limb-salvage treatment versus amputation for osteosarcoma of the distal end of the femur, **68A**, *1331
with others. The treatment of adamantinoma of the tibia by wide resection and allograft bone transplantation, **69A**, *1177
with others. Vascular events associated with the appearance of the secondary center of ossification in the murine distal femoral epiphysis, **69A**, *185
Manktelow, R.T. *with others*. Reconstruction of the leg by vascularised osteocutaneous grafts, **66B**, 296
Manley, M.T. The effect of conformity, thickness, and material on stresses in ultra-high molecular weight components for total joint replacement, **69A**, 472(*correspondence*)
Mann, G. Intraspinal migration of a bullet with subsequent meningitis: a case report, **65A**, 567(*correspondence*)
Mann, R.A. Core decompression of the femoral head for osteonecrosis, **69A**, 1107(*correspondence*)
with **Coughlin, M.J.** arthrodesis of the first metatarsophalangeal joint as salvage for the failed Keller procedure, **69A**, *68
with **Thompson, F.M.** Arthrodesis of the first metatarsophalangeal joint for hallux valgus in rheumatoid arthritis, **66A**, *687
with **Thompson, F.M.** Rupture of the posterior tibial tendon causing flat foot: surgical treatment, **67A**, *556, 1448(*correspondence*)
Mann, R.J. *with* **Rashkoff, E.S.** *and* **Burkhalter, W.E.** Septic arthritis of the wrist, **65A**, *824
Mann, T.S. *with* **Caullay, J.M.** Acute haematogenous osteomyelitis: high dose antibiotic treatment, **66B**, 145
Manning, M.P. *with* **Gaines, E.** *and* **Johnson, R.** The efficacy of sterilising Esmarch bandages, **69B**, *671(*brief report*)
with **Marshall, J.H.** Aneurysm after arthroscopy, **69B**, *151(*brief report*)
with others. Juvenile idiopathic scoliosis in Merseyside, **69B**, 851
Manoli, A., II. *with* **Colville, M.R.** *and* **Colville, J.M.** Posteromedial dislocation of the ankle without fracture, **69A**, *706
with **Schaffer, J.J.** The antiglide plate for distal fibular fixation: a biomechanical comparison with fixation with a lateral plate, **69A**, *596
Manske, D.J. *with* **Szabo, R.M.** The operative treatment of mid-shaft clavicular non-unions, **67A**, *1367; **68A**, 634(*correspondence*)
Manske, P.R. *with others*. Dysplasia of the knee associated with the syndrome of thrombocytopenia and absent radius, **66A**, *421
with others. Intrinsic flexor-tendon repair: a morphological study *in vitro*, **66A**, *385
Mansour, Dr. Cementless fixation of the acetabular component of the hip, **66B**, 147(*discussion*)
Muscle pedicle flap in the treatment and prevention of postoperative bone infection, **66B**, 146(*discussion*)
Total hip replacement in children witsh juvenile chronic arthritis, **66B**, 141(*discussion*)
Manthy, B. *with others*. Bone resorption in the presence of polyethylene wear particles, **69B**, 165
Marafioti, R.L. *with* **Perlik, P.C.** *and* **Westin, G.W.** A combination pelvic osteotomy for acetabular dysplasia in children, **67A**, *842
Maravilla, A. *with others*. Atlanto-axial instability and spinal cord compression in children – diagnosis by computerized tomography, **66A**, *708
Maravilla, K. *with others*. Atlanto-axial instability and spinal cord compression in children – diagnosis by computerized tomography, **66A**, *708
Marchevsky, A.M. *with others*. The clinicopathological spectrum of non-tuberculous mycobacterial osteoarticular infections, **67A**, *925
Marchi, A. *with others*. Myositis ossificans in the newborn: a case report, **68A**, *456
Marchisello, P.J. The use of computerized axial tomography for the evaluation of talocalcaneal coalition, **69A**, *609
Marcove, R.C. *with others*. Pelvic Ewing's sarcoma: advances in treatment, **65A**, *738
Marcucci, M. *with others*. Scheuermann's disease and lumbar disc disorder, **65B**, 669
with others. The long-term results of wedge and compression fractures of the dorsolumbar spine without neurological involvement, **68B**, 334
Marcus, N.A. *with* **Omer, G.E., Jr.** Carpal deviation in congenital ulnar deficiency, **66A**, *1003
Marcus, R.E. *with* **Balourdas, G.M.** *and* **Heiple, K.G.** Ankle arthrodesis by chevron fusion with internal fixation and bone-grafting, **65A**, *833
with **Hansen, S.T., Jr.** Bilateral fracture-dislocation of the sacrum: a case report, **66A**, *1297
with **Wickstrom, J.** Irving Redler, **66A**, 1497(*obituary*)
with **Mills, M.F.** *and* Thompson, G.H. Multiple injury in chilren, **65A**, *1290
Marder, R.A. *with* **Johnson, E.E.** Open intramedullary nailing and bone-grafting for non-union of tibial diaphyseal fracture, **69A**, *375
Maré, D. Tennis elbow, **67B**, 507
Margulies, J. *with* **Leichter, I.** *and* **Simkin, A.** Bone-mineral content in the lower limb: relationship to cross-sectional geometry, **67A**, 1142(*correspondence*)
with others. Stress fractures and tibial bone width: a risk factor, **69B**, *326

* Indicates full article or appreciable part

Margulies, J.Y. *with* **Simkin, A.** *and* **Leichter, I.** Effect of intense physical activity on the bone-mineral content in the lower limbs of young adults, **69A**, 793(*correspondence*)
with others. Effect of intense physical activity on the bone-mineral content in the lower limbs of young adults, **68A**, *1090
with others. Stress fractures in military recruits, **67B**, *732
Marie, P. *with others*. Epiphysial growth after free fibular transfer with and without microvascular anastomosis: experimental study in the dog, **65B**, *493
Marino, M. *with* **Scott, W.N.** *and* **Ferriter, P.** Intra-articular transfer of the iliotibial tract: two to seven-year follow-up results, **67A**, *532
Markolf, K.L. *with* **Johnson, E.E.** The contribution of the anterior talofibular ligament to ankle laxity, **65A**, *81
with **Kochan, A.** *and* **Amstutz, H.C.** Measurements of knee stiffness and laxity in patients with documented absence of the anterior cruciate ligament, **66A**, *242
with **Kochan, A.** *and* **More, R.C.** Anterior-posterior stiffness and laxity of the knee after major ligament reconstruction, **66A**, *1460
with **Shoemaker, S.** The role of the meniscus in the anterior-posterior stability of the loaded anterior cruciate-deficient knee: effects of partial versus total excision, **68A**, *71
with **Shoemaker, S.C.** Effects of joint load on the stiffness and laxity of ligament-deficient knees: an *in vitro* study of the anterior cruciate and mdial collateral ligaments, **67A**, *136
Marks, H. *with* **Angus, P.D.** *and* **Owen, J.R.** Deformity and immobility during growth: their effect on the muscle fibre, **68B**, 496
Marks, P. *with* **Paley, D.** *and* **McMurtry, R.Y.** Swanson ulnar head replacement, **69B**, 501
with others. Supracondylar varus osteotomy for valgus deformity of the knee, **68B**, 854
with others. The neurological outcome following surgery for spinal fractures, **69B**, 511
Marks, R. *with others*. Wedge resection of amputation stumps: a valuable salvage procedure, **69B**, *306
Marks, R.K. *with others*. Two malignant fibrous histiocytomas in bone infarcts: case report, **65A**, *1166
Marnay, T. *with others*. The Bankart procedure; its reliability among sportsmen, **66B**, 140
Marone, P.J. *with others*. Clarification of the role of the supraspinatus muscle in shoulder function, **68A**, *398
Maroteaux, P. *with* **Stanescu, V.** *and* **Stanescu, R.** Pathogenic mechanisms in osteochondrodysplasias, **66A**, *817
Maroudas, A. *with others*. The composition of normal and osteoarthritic articular cartilage from human knee joints: with special reference to unicompartmental replacement and osteotomy of the knee, **66A**, *95
Marsh, C.H. *with* **Kirkup, J.R.** *and* **Regan, M.W.** The Bath and Wessex ankle arthroplasty, **69B**, 153
Marsh, D. Assessment of peripheral nerve function after division and suture: multivaraite analysis of clinical data, **69B**, 496
Comparative study of the results of nerve suture with and without the use of the operating microscope, **69B**, 153
with **Barton, N.** Does the use of the operating microscope improve the results of peripheral nerve suture?, **69B**, *625
with others. Three years after Colles' fracture: a prospective review, **69B**, *635
Marsh, J.S. *with* **Woolson, S.T.** *and* **Tanner, J.B.** Transfusion of previously deposited autologous blood for patients undergoing hip-replacement surgery, **69A**, *325
Marshall, D. Results of intra-articular anterior cruciate ligament reconstruction using patellar ligament, **66B**, 788 (*discussion*)
Marshall, D.J. Knee pain associated with medial patellar plica, **65B**, 671(*discussion*)
reconstruction of the posterior cruciate ligament, **69B**, 162
Marshall, J.H. *with* **Manning, M.P.** Aneurysm after arthroscopy, **69B**, *151(*brief report*)
Marshall, R.W. *with* **De Silva, R.D.D.** Computerised axial tomography in traction injuries of the brachial plexus, **68B**, *734
with others. An analysis of elbow flexion reconstructive procedures after brachial plexus injuries, **69B**, 488
Marshall, T. *with* **Rose, G.K.** *and* **Welton, E.A.** The diagnosis of flat foot in the child, **67B**, *71
Marsolais, E.B. *with* **Kobetic, R.** Functional electrical stimulation for walking in paraplegia, **69A**, *728
Martell, J.R., Jr. *with* **Busnardo, M.S.** *and* **Barja, R.H.** Congenital fibrosarcoma of the forearm: a case report, **68A**, *620
Martimbeau, C. *with others*. Acetabular fractures: standardisation of surgical approaches, **66B**, 295 *with others*. The role of a compression plate in the treatment of diaphysial fractures of the femur, **66B**, 296
Martin, C. *with others*. The neurological outcome following surgery for spinal fractures, **69B**, 511
Martin, R. *with* **Gagnon, S.J.** *and* **Jodoin, A.** Pulmonary function test study before and after spinal fusion in young idiopathic scoliosis, **68B**, 855
Martin, R.B. *with others*. Architectural changes in the proximal femur following prosthetic insertion, **65B**, 91
Martin, T.J. *with* **Eisman, J.A.** Osteolytic Paget's disease: recognition and risks of biopsy, **68A**, *112
Martin, W.B. *with others*. Scintigraphy with gallium-67 citrate in staging of soft-tissue sarcomas of the extremity, **69A**, *886
Martinek, H. *with* **Strickner, M.** *and* **Spängler, H.** Post-traumatic pain in the ulnar part of the wrist joint, **68B**, 507
Marton, D. *with others*. Iliopsoas muscle transfer in low-lumbar myelomeningocele: parameters associated with a stable hip, **67B**, 333
with others. Osteomesopyknosis: case report, **67A**, *652
with others. The value of computerised tomography in the evaluation of recurrent patellar subluxation, **69B**, 504
Martos, F. *with others*. Fractures of the distal tibial epiphysis in adolescence, **65A**, 1208(*correspondence*)
Marx, C.L. *with* **Aichroth, P.M.** *and* **Muirhead-Allwood, W.F.G.** Patellar release/repositioning operation for recurrent, habitual and persistent dislocation of the patella, **67B**, 155
Marya, S.K.S. *with* **Nagi, O.N.** *and* **Gautam, V.K.** Treatment of femoral neck fractures with a cancellous screw and fibular graft, **68B**, *387
Mascara, T. *with others*. Structural defects of Type I procollagen in lethal perinatal osteogenesis imperfecta, **65B**, 672
with others. Type I procollagen defect in lethal perinatal osteogenesis imperfecta, **65B**, 100
Mason, S.M. *with* **Turner, P.L.** *and* **Webb, J.K.** Report of neurological problems experienced using segmental wiring techniques in adolescent idiopathic scoliosis, **68B**, 680
Masse, P. The Oxford clubfoot programme, **66B**, 142(*discussion*)
with others. Resection of the upper end of the femur in children with spastic quadriplegia, **66B**, 142
Massobrio, M. *with* **Ippolito, E.** *and* **Tudisco, C.** Long-term results of open sternocleidomastoid tenotomy for idiopathic muscular torticollis, **67A**, *30
with **Postacchini, F.** *and* **Ferro, L.** Familial lumbar stenosis: case report of three siblings, **67A**, *321
with **Postacchini, F.** Idiopathic coccygodynia: analysis of fifty-one operative cases and a radiographic study of the normal coccyx, **65A**, *1116
Masuda, K. *with others*. Calcinosis circumscripta: a case report, **68A**, * 297
Masuhara, K. *with* **Takakura, Y.** *and* **Tamai, S.** Genesis of the ball-and-socket ankle, **68B**, *834
Matheson, J.A. Day-case closed partial meniscectomy, **67B**, 675(*discussion*)
Fractures of the proximal humerus in adults, **67B**, 679(*discussion*)
Rebuilding the deficient acetabulum in total hip arthroplasty, **67B**, 676(*discussion*)
with **Hodgson, B.F.** Pyogenic infection of the sacro-iliac joint, **68B**, 676
Mathews, J.A. *Book reviews*, **67B**, 168; **68B**, 513; **69B**, 859
Mathews, R.E. *with* **Cocke, T.B.** *and* **D'Ambrosia, R.D.** Scapular fractures secondary to seizures in patients with osteodystrophy: report of two cases and review of the literature, **65A**, *850
Mathie, R.T. *with* **Beverley, M.C.** *and* **Pflug, J.J.** The cancellous bone blood pump, **69B**, 492
with **Beverley, M.C.** *and* **Pflug, J.J.** Bone: a flexible perfused sponge?, **69B**, 494
Mathiesen, F.K. *with* **Haar, D.** MNS genotypes in ankylosing spondylitis, **68B**, *656(*brief report*)
Mathison, M. Internal fixation of fractures of the thoracolumbar spine, **66B**, 285(*discussion*)
Matsen, F.A., III *with* **Zuckerman, J.D.** Complications about the glenohumeral joint related to the use of screws and staples, **66A**, *175
Matsen, F.A., III. *with others*. Total shoulder arthroplasty, **69A**, *865
Matsunaga, T. *with others*. Calcinosis circumscripta: a case report, **68A**, * 297
Matter, P. *with* **Gerber, C.** Biomechanical analysis of the knee after rupture of the anterior cruciate ligament and its primary repair: an instant-centre analysis of function, **65B**, *391
Matthews, D.S. *with others*. The symptomatic anterior cruciate-deficient knee: part I: the long-term functional disability in athletically active individuals, **65A**, *154
with others. The symptomatic anterior cruciate-deficient knee: part II: the results of rehabilitation, activity modification and counselling on functional disability, **65A**, *163
Matthews, J.A. *Book reviews*, **66B**, 466
Matthews, J.G. *with others*. Vascularity and mechanical strength in healing fractures, **65B**, 658
Matthews, J.P. *with* **Leyshon, R.L.** Acetabular erosion and the Monk "hard top" hip prosthesis, **66B**, *172
Matthews, L.S. *Book reviews*, **66A**, 812
with **Falahee, M.H.** *and* **Kaufer, H.** Resection arthroplasty as a salvage procedure for a knee with infection after a total arthroplasty, **69A**, *1013
with **Green, C.A.** *and* **Goldstein, S.A.** The thermal effects of skeletal fixation-pin insertion in bone, **66A**, *1077
Matthews, M.G. Unilateral oedema of the lower limb caused by an osteochondroma, **69B**, *339(*brief report*)
Matthews, S.J. *with* **Craig, J.B.** *and* **Erken, E.H.W.** Surgical correction of spinal deformity due to neuromuscular disease using Luque segmental spinal instrumentation, **69B**, 684
with **Erken, E.H.W.** *and* **Schepers, A.** Spinal stabilisation in neuromuscular disease, **68B**, 507

* Indicates full article or appreciable part

Mattingly, D.A. *with others*. Aseptic loosening in metal-backed acetabular components for total hip replacement: a minimum five-year follow-up, **67A**, *387
with others. Intramedullary fixation of humeral shaft fractures, **66A**, *639
Mattsonn, L. *with others*. In Vivo measurements of spinal column vibrations, **69A**, 634(*correspondence*)
Mattsson, L. *with others*. *In vivo* measurements of spinal column vibrations, **68A**, *695
Maudsley, R.H. *Book reviews*, **65B**, 232
Non-union of the scaphoid: a prospective study of direct current stimulation, **67B**,493(*discussion*)
Mauerhan, D.R. *with* **Murray, W.R.** *and* **Dodge, L.D.** Detection of sepsis following hip arthroplasty, **66B**, 300
Maupin, B.K. *with others*. Unicompartmental and bicompartmental arthroplasty of the knee with a finned metal tibial-plateau implant, **67A**, *1175
Maurais, G. *with* **DesMarchais, J.E.** *and* **Benazet, J.P.** Treatment of complex fractures of the proximal humerus by Neer hemiarthroplasty, **66B**, 149, 296
Maurice, H. *with* **Watt, I.** *and* **Newman, J.H.** The use of bone scans in the assessment of the injured foot, **69B**, 159
Maurice, H.D. *with* **Newman, J.H.** *and* **Watt, I.** Bone scanning of the foot for unexplained pain, **69B**, *448
Mawer, E.B. *with others*. 25-OHD levels in institutionalised groups, **65B**, 92
Mawhinney, H.J.D. Chondrosarcoma in Maffucci's syndrome, **68A**, 953(*correspondence*)
Mawhinney, R. *with others*. Magnetic resonance imaging and discography in the diagnosis of disc degeneration: a comparative study of 50 discs, **68B**, *369
Maxted, M.J. *with* **Denham, R.A.** Proximal quadriceps tendon transfer operation for congenital and habitual dislocation of the patella, **67B**, 847
with **Jackson, R.K.** Innominate osteotomy in Perthes' disease: a radiological survey of results, **67B**, *399
Maxwell, C.M. Normovolaemic haemodilution and autotransfusion in adult orthopaedics, **65B**, 103(*discussion*)
May, J.M. *with* **Yaremchuk, M.J.** Bone scintigraphy in evaluating the viability of composite bone grafts revascularized by microvascular anastomoses, conventional autogenous bone grafts, and free non-periosteal grafts, **65A**, 279(*correspondence*)
May, J.W., Jr. *with* **Jupiter, J.B.** *and* **Bour, C.J.** The reconstruction of defects in the femoral shaft with vascularized transfers of fibular bone, **69A**, *365
with **Sheppard, J.** Reconstruction of the stump after below-the-knee amputation: soft-tissue expansion and local muscle rotation flaps: a case report, **69A**, *1240
May, P.C. *with* **Yeoman, P.M.** Hip arthroplasty in ankylosing spondylitis, **68B**, 669
Mayba, I. *with others*. Metastatic osteosarcoma and multiple lung resection: a case report, **68B**, *748
Mayba, I.I. Non-union of fractures of the sternum, **67A**, *1091
Mayer, L. *with others*. The use of Ender nails in fractures of the tibial shaft, **67A**, *446
Mayhew, D.E. *with others*. Unicompartmental and bicompartmental arthroplasty of the knee with a finned metal tibial-plateau implant, **67A**, *1175
Maynard, J.A. *with* **Pedrini-Mille, A.** *and* **Pedrini, V.A.** Pseudoachondroplasia: biochemical and histochemical studies of cartilage, **66A**, *1408
with others. Legg–Calvé–Perthes disease: histochemical and ultrastructural observations of the epiphyseal cartilage and physis, **65A**, *797
with others. Proteoglycans of human scoliotic intervertebral disc, **65A**, *815
Mayo, K.A. *with others*. Subtrochanteric fracture of the femur: fixation using the Zickel nail, **69A**, *1032
Mayor, M.B. *with* **West, J.D.** *and* **Collier, J.P.** Potential errors inherent in quantitative densitometric analysis of orthopaedic radiographs: a study after total hip arthroplasty, **69A**, *58
Mazas, T. *with* **Everard, J.** *and* **Hill, C.** How to evaluate the impact of a scientific paper, **66B**, 144
Mazor, Y. *with others*. The release of antineoplastic drugs from acrylic bone cement, **67B**, 845
Mazur, J. *with others*. The effectiveness of scoliosis surgery in myelomeningocele, **69B**, 164
Mazur, J.M. *with* **Stillwell, A.** *and* **Menelaus, M.** The significance of spasticity in the upper and lower limbs in myelomeningocele, **68B**, *213
Mbidde, E. Katongole-, *see* Katongole-Mbidde, E.
Meadowcroft, J.A. *with* **Cotler, H.B.** *and* **Sninik, R.D.** Enteric fistula as a complication of a pelvic fracture: case report, **65A**, *854
Meadows, T. *with* **Wallace, W.A.** Missed posterior dislocation of the shoulder, **69B**, 152
Meals, R.A. *Book reviews*, **65A**, 142, 285, 718
Book reviews, **69A**, 318
Effect of intense physical activity on the bone-mineral content in the lower limbs of young adults, **69A**, 793(*correspondence*)
Flexor tendon injuries, **67A**, *817(*current concepts review*)
Mears, D.C. *Book reviews*, **66A**, 317
Medevielle, D. *with others*. Proximal tibial osteotomy for osteoarthritis with varus deformity: a ten to thirteen-year follow-up study, **69A**, *332
Medical Research Council Working Party A 10-year assessment of controlled trials of inpatient and outpatient treatment and of plaster-of-Paris jackets for tuberculosis of the spine in children on standard chemotherapy: studies in Masan and Pusan, Korea, **67B**, *103
Medlicott, P.A.W. Posterior cruciate ligament injuries, **67B**, 674(*discussion*)
Medoff, R.J. Insertion of the distal screws in interlocking nail fixation of femoral shaft fractures: technical note, **68A**, *1275
Meehan, P.L. *with* **Copeland, R.L.** *and* **Morrissy, R.T.** Spontaneous regression of osteochondromas: two case reports, **67A**, *971
Meek, R.N. *with* **McCormack, R.G.** Closed femoral osteotomy, **68B**, 854
with **McKenzie, G.M.** C3 fractures of the distal femur, **67B**, 325
with **Sovio, O.M.** *and* **Boyle, M.R.** Bicondylar tibial plateau fractures, **68B**, 850
with others. Intramedullary fixation of tibial shaft fractures with AO and Grosse-Kempf locking nails: a review of 70 consecutive fractures, **67B**, 325
Meggitt, B.F. *Book reviews*, **68B**, 343
with **Broughton, N.S.** *and* **Doran, A.** Silastic ball spacer in the first metatarsophalangeal joint, **69B**, 678
with **Din, K.M.** Bilateral four-part fractures with posterior dislocation of the shoulder: a case report, **65B**, *176
with **Din, K.M.** Mallet thumb, **65B**, *606
with **Lowrie, I.G.** *and* **Reyes, E.** Functional recovery of tibial shaft fractures: fixed versus hinged ankle cast brace, **69B**, 153
with **Lowrie, I.G.** Hindfoot recovery in tibial shaft fractures, **69B**, 679
Mehdian, H. *with* **Summers, B.** *and* **Eisenstein, S.M.** Painful scoliosis secondary to an osteoid osteoma of the rib, **69B**, 855
Mehta, M.H. Active auto-correction for early adolescent idiopathic scoliosis, **68B**, 682
The Cobb angle and the oblique stack in idiopathic scoliosis, **69B**, 852
Meinhard, B.P. *with* **Kleinman, P.G.** The effect of adjunctive methylmethacrylate on failures of fixation anf function in patients with intertrochanteric fractures and osteoporosis, **68A**, 1303(*correspondence*)
with others. Central acetabular fracture with ipsilateral femoral-neck fracture and intrapelvic dislocation of the femoral head without major pelvic-column disruption: a case report, **69A**, *612
Melby, A. *with* **Weiner, D.S.** *and* **Weiner, S.** Thirty-year experience with bone graft epiphysiodesis in the treatment of slipped femoral capital epiphysis, **66B**, 301
Mell, M. *with others*. The effect of antibiotics on the destruction of cartilage in experimental infectious arthritis, **69A**, *1063
Melson, C.L. *with others*. Ultrasonographic evaluation of the rotator cuff and biceps tendon, **68A**, *440, 951(*correspondence*)
Menage, J. *with others*. Proteoglycan synthesis rates in the intervertebral disc, **67B**, 843
Menck, H. *with others*. Prophylactic antibiotics in amputation of the lower extremity for ischemia: a placebo-controlled, randomized trial of cefoxitin, **67A**, *800
Mendes, D.G. *with others*. Anatomy of the normal knee as seen by magnetic resonance imaging, **68B**, *117
with others. Histological response to carbon fibre, **67B**, *645
Mendes, J. *with* **Root, L.** *and* **Goss, J.R.** The treatment of the painful hip in cerebral palsy by total hip replacement or hip arthrodesis, **68A**, *590
Mendoza, F.X. *with others*. Locked posterior dislocation of the shoulder, **69A**, *9
Menelaus, M. *with* **Mazur, J.M.** *and* **Stillwell, A.** The significance of spasticity in the upper and lower limbs in myelomeningocele, **68B**, *213
Menelaus, M.B. *Presidential address*, Australian Orthopaedic Association, **65B**, 661
Luque rods in the treatment of kyphosis in myelomeningocele, **65B**, 98(*discussion*)
The value of a multi-centre computerised study in clinical orthopaedics, **68B**, 338
with **Batten, J.** Fragmentation of the proximal pole of the patella: another manifestation of juvenile traction osteochondritis?, **67B**, *249
with **Bliss, D.** *and* **Cole, W.G.** The heterogeneity of non-specific chronic osteomyelitis in childhood, **69B**, 163
with **Bliss, D.G.** The results of transfer of the tibialis anterior to the heel in patients who have a myelomeningocele, **68A**, *1258
with **Carey, R.P.L.** *and* **de Campo, J.F.** Measurement of leg length by computerised tomographic scanography, **69B**, *846(*brief report*)
with **Edwards, E.R.** Reverse club foot: rigid and recalcitrant talipes calcaneovalgus, **69B**, *330
with **Griffiths, J.D.** Symptomatic ossicles of the lateral malleolus in children, **69B**, *317
with **Nicol, R.O.** Correction of combined tibial torsion and valgus deformity of the foot, **65B**, *641
with **Nicol, R.O.** Synovectomy of the knee in haemophilia, **68B**, 674
with **Ross, E.R.S.** Open flexor tenotomy for hammer toes and curly toes in childhood, **66B**, *770
with **Stevens, P.M.** *and* **Williams, P.F.** Innominate osteotomy for Perthes' disease, **65B**, 102
with **Stillwell, A.** Walking ability after transplantation of the iliopsoas, **66B**, *656

* Indicates full article or appreciable part

Menelaus, M.B., (*continued*)
with **Stillwell, A.S.** Which children with spina bifida keep on walking?, **65B**, 666
with others. Function after partial pelvic resection for Ewing's sarcoma, **69B**, *271
with others. The effectiveness of scoliosis surgery in myelomeningocele, **69B**, 164
with others. Tibia vara caused by focal fibrocartilaginous dysplasia: three case reports, **67B**, *780
with others. Tibia vara due to fibrocartilaginous dysplasia, **69B**, 163
Menke, H.E. *with others*. Failure of anterior cruciate-ligament reconstruction using tendon xenograft, **69A**, *860
Mennen, U. Rupture of the plantaris – does it exist?, **65A**, 1030(*correspondence*)
with **Dormehl, I.C.** *and* **Goosen, D.J.** Evaluation of the healing process of bone fractures in the non-human primate using sequential technetium-99m methylene disphosphonate scintigraphy, **67B**, 507
Menon, J. Total wrist replacement using the modified Volz prosthesis, **69A**, *998
with others. Scoliosis and other orthopaedic problems in Duchenne muscular dystrophy: a review of 82 cases, **65B**, 221
Menon, T.J. *with* **Thjellesen, D.** *and* **Wroblewski, B.M.** Charnley low-friction arthroplasty in diabetic patients, **65B**, *580
Mercier, D. *with others*. The role of a compression plate in the treatment of diaphysial fractures of the femur, **66B**, 296
Mercier, P. *with* **Wiley, J.J.** All-terrain vehicle injuries in children, **68B**, 855
with others. Elaboration of neutral proteoglycanase by growth-plate tissue cultures, **69A**, *76
Merenstein, D. *with others*. Heparin and dihydroergotamine prophylaxis against thrombo-embolism after hip arthroplasty, **67B**, *538
Merianos, P. *with* **Cambouridis, P.** *and* **Smyrnis, P.** The treatment of 143 tibial shaft fractures by Ender's nailing and early weight-bearing, **67B**, *576
Merkel, K.D. *with* **Johnson, E.W., Jr.** Supracondylar fracture of the femur after total knee arthroplasty, **68A**, *29
with others. Comparison of indium-labeled-leukocyte imaging with sequential technetium-gallium scanning in the diagnosis of low-grade musculoskeletal sepsis, **67A**, *465
Merkow, R.L. *with* **Soudry, M.** *and* **Insall, J.N.** Patellar dislocation following total knee replacement, **67A**, *1321
with others. Total hip replacement for Paget's disease of the hip, **66A**, *752
Merkow, S. *with* **Zimbler, S.** Genu recurvatum: a possible complication after Osgood-Schlatter disease: case report, **66A**, *1129
Merle d'Aubigné, R. 100th Birthday Tribute to Sir Harry Platt, **68B**, 693
Merriam, W. *with* **Taylor, T.K.F.** *and* **McPhail, M.** Central cord syndrome revisited, **68B**, 334
Merriam, W.F. *with* **Porter, K.M.** Hindfoot disability after tibial shaft fracture treated by internal fixation, **65B**, *326
with others. A reappraisal of acute traumatic central cord syndrome, **68B**, *708
with others. A study revealing a tall pelvis in subjects with low back pain, **65B**, *153
with others. Electrical studies in the problem back: a blind trial, **66B**, 280
Merrick, M.V. *with* **van den Oever, M.** *and* **Scott, J.H.S.** Bone scintigraphy in symptomatic spondylolysis, **69B**, *453
Merrild, U. *with* **Søgaard, I.** Sciatica caused by perifibrosis of the sciatic nerve, **68B**, *706(*brief report*)
Merryweather, R. *Book reviews*, **67B**, 512
Messieh, S.S. *with* **Fowler, P.J.** *and* **Munro, T.** Re-evaluation of the standing anteroposterior radiograph for gonarthrosis, **69B**, 504
Mestdagh, H. *with* **Gougeon, F.** *and* **Stahl, P.** The long-term results of late subtalar arthrodesis after injury of the hindfoot, **66B**, 144
Met, J.A. *with others*. Adriamycin binding by osteosarcoma cells: assessment by flow cytometry, **67B**, 320
Meunier, P.J. *with others*. Bone histology in adults with aseptic necrosis: histomorphometric evaluation of iliac biopsies in seventy-seven patients, **65A**, *1319
Meyer, D.L. *with others*. Anatomical basis for repair of ulnar and median nerves in the distal part of the forearm by group fascicular suture and nerve-grafting, **68A**, * 273
Meyer, L.C. *with* **Freeman, B.H.** *and* **Bray, E.W., III** Multiple osteotomies with Zickel nail fixation for polyostotic fibrous dysplasia involving the proximal part of the femur, **69A**, *691
Meyer, R.D. *with others*. Arteriographic embolization for control of excessive blood loss complicating revision of total hip arthroplasty: a case report, **65A**, *848
Meyer, T.J. *with* **De Souza, L.J.** *and* **Gustilo, R.B.** Results of operative treatment of displaced external rotation-abduction fractures of the ankle, **67A**, *1066
Meyers, M.H. *with others*. Reactivation of tuberculous infection following total joint replacement: a case report, **65A**, *1015
Meyers, O.L. *with* **Heywood, A.W.B.** Rheumatoid arthritic involvement of the thoracic and lumbar spine, **67B**, 505
with **Heywood, A.W.B.** Rheumatoid arthritis of the thoracic and lumbar spine, **68B**, *362
Michaelson, M. *with* **Reis, N.D.** Crush injury to the lower limbs: treatment of the local injury, **68A**, *414
Micheli, L. *with others*. Mechanoreceptors in human cruciate ligaments: a histological study, **66A**, *1072
Micheli, L.J. *Book reviews*, **67A**, 829
with **Hood, R.W.** Anterior exposure of the cervicothoracic spine using a combined cervical and thoracic approach, **65A**, *992
with **Ireland, M.L.** Bilateral stress fracture of the lumbar pedicles in a ballet dancer: a case report, **69A**, *140
with **Lankenner, P.A., Jr.** Stress fracture of the first rib: a case report, **67A**, *159; **68A**, 475(*correspondence*)
with **Luchini, M.A.** *and* **Sarokhan, A.J.** Acute displaced femoral-shaft fractures in long-distance runners: two case reports, **65A**, *689
with **Sohn, R.S.** *and* **Solomon, R.** Stress fractures of the second metatarsal involving Lisfranc's joint in ballet dancers: a new overuse injury of the foot, **67A**, *1372
with **Stanitski, C.L.** *and* **Hall, J.E.** The correction of spinal deformity in idiopathic torsional dystonias, **65A**, *980
Michelli, L.J. *with others*. Osteochondritis dissecans of the patella, **69B**, *320
Michelsen, C.B. *with* **Askanazi, J.** The metabolic response to injury: mechanisms and clinical implications, **68A**, *782(*current concepts review*)
with **Flatow, E.L.** Diabetic amyotrophy: a case report, **67A**, *1132
Michelson, J. Scientific method in orthopaedics, **68A**, 314(*correspondence*)
Michet, C.J., Jr. *with* **Hanssen, A.D.** *and* **Cabanela, M.E.** Hip arthroplasty in patients with systemic lupus erythematosus, **69A**, *807
Mick, C.A. *with* **Lynch, F.** Reconstruction of the peroneal retinaculum using the peroneus quartus: a case report, **69A**, *296
Mickelson, M.R. *with others*. Fine-needle aspiration biopsy of bone, **65A**, *522
Middleton, R.W.D. Closed intramedullary rodding for osteogenesis imperfecta, **66B**, *652
with **Frost, R.B.** Percutaneous intramedullary rod interchange in osteogenesis imperfecta, **69B**, *429
with others. Supracondylar osteotomy of the humerus for correction of cubitus varus, **66B**, *566
Middleton, W.D. *with others*. Ultrasonographic evaluation of the rotator cuff and biceps tendon, **68A**, *440, 951(*correspondence*)
Miedema, B. *with others*. Acrometastases: a study of twenty-nine patients with osseous involvement of the hands and feet, **68A**, *743
Miegel, R.E. *with* **Harris, W.H.** Medial-displacement intertrochanteric osteotomy in the treatment of osteoarthritis of the hip: a long-term follow-up study, **66A**, *878
with others. Kinematic total knee replacement, **66A**, *1032
Mikawa, Y. *with others*. Atlanto-axial subluxation with spondyloschisis in Down syndrome: case report, **67A**, *1414
with others. Fracture through a synchrondosis of the anterior arch of the atlas, **69B**, *483(*brief report*)
Miki, T. *with others*. Rupture of the extensor tendons of the fingers: report of three unusual cases, **68A**, *610
Mikić, Ž.Dj. Arthrography of the wrist joint: an experimental study, **66A**, *371; **66A**, 1145(*correspondence*)
Mikita, A. *with others*. Operation for chronic dislocation of the radial head in children: reduction by osteotomy of the ulna, **69B**, *639
Milek, M.A. *with* **Fehring, T.K.** Isolated volar dislocation of the radiocarpal joint: a case report, **66A**,*464
Miles, A.W. *with* **Dall, D.M.** Accelerated polymerisation of the femoral cement in total hip replacement: a preliminary report, **67B**, 505
with **Dall, D.M.** Re-attachment of the greater trochanter: the use of the trochanter cable-grip system, **65B**, *55
with **Learmonth, I.D.** *and* **Dall, D.M.** Technical accuracy in osteotomies about the knee, **68B**, 503
Milgrom, C. *with others*. Effect of intense physical activity on the bone-mineral content in the lower limbs of young adults, **68A**, *1090
with others. Recurrent stress fractures in military recruits: one-year follow-up of 66 recruits, **68B**, *439
with others. Stress fractures and tibial bone width: a risk factor, **69B**, *326
with others. Stress fractures in military recruits, **67B**, *732
Millar, E.A. *Book reviews*, **66A**, 156
with others. Dysplasia of the knee associated with the syndrome of thrombocytopenia and absent radius, **66A**, *421
with others. The Syme amputation in patients with congenital pseudoarthrosis of the tibia, **65A**, *533
with others. The malignant potential of enchondromatosis, **69A**, *269
Miller, A. *with others*. Sciatica caused by an avulsion fracture of the ischial tuberosity: a case report, **69A**, *143
Miller, A.J. *with others*. The development of an unconstrained elbow arthroplasty, **66B**, *243
Miller, B.J. *with* **LaRochelle, P.J.** The treatment of patellofemoral pain by combined rotation and elevation of the tibial tubercle, **68A**, *419
with **Vince, K.** Cross-union complicating forearm fractures in adults, **68B**, 856
with others. Composite structure fixation in total knee arthroplasty: a preliminary report of a multi-centre clinical trial, **66B**, 300
Miller, D.C. *with others*. Mechanoreceptors in human cruciate ligaments: a histological study, **66A**, *1072

Miller, E.H. *with* **Benedict, F.E.** Stretch of the femoral nerve in a dancer: a case report, **67A**, *315
with **Shastri, R.** Fracture failure of a forged vitallium prosthesis: a case report, **65A**, 712(*correspondence*)
Miller, F. *with others*. The Unit Rod in segmental instrumentation of the spine for neuromuscular scoliosis, **68B**, 853
Miller, G.J. *with others*. Electromagnetic stimulation of canine bone grafts, **66A**, *693
Miller, J.E. *with* **Vince, K.G.** Cross-union complicating fracture of the forearm. Part I: adults, **69A**, *640
with **Vince, K.G.** Cross-union complicating fracture of the forearm. Part II: children, **69A**, *654 *with others*. An anthropometric basis for design in total knee arthroplasty, **69B**, 505
Miller, J.H. Anatomical, pathological and therapeutic investigation of fractures of the radial head in adults, **66B**, 141(*discussion*)
Dynamic pinning of the wrist: its limitations in the treatment of Colles' fractures, **66B**, 148(*discussion*)
Fractures of the radial head: early aspiration and mobilisation, **66B**, 141(*discussion*)
Late flexible carbon-fibre ligament reconstruction for knee instability, **65B**, 227(*discussion*)
Supracondylar fractures of the humerus in childhood: results of straight lateral traction, **68B**, 155(*discussion*)
The ulnar impingement syndrome, **68B**, 158(*discussion*)
Total elbow replacement: 10 years of the Stanmore hinged total elbow, **65B**, 227(*discussion*)
with **Kaye, J.C.** *and* **Amis, A.A.** Vitallium replacement of the radial head in trauma, **68B**, 665
with others. A comparative study of anterior cruciate ligament replacement using either carbon or polyester fibres, **68B**, 841
with others. Comparison of the structure of neotendons induced by implantation of carbon or polyester fibres, **66B**, *131
with others. Long-term effects of excision of the radial head in rheumatoid arthritis, **66B**, *109
Miller, M.E. *with others*. Radiation exposure and associated risks to operating-room personnel during use of fluoroscopic guidance for selected orthopaedic surgical procedures, **65A**, *1
with others. Arteriographic embolization for control of excessive blood loss complicating revision of total hip arthroplasty: a case report, **65A**, *848
Miller, R. *with* **Paterson, C.R.** *and* **McAllion, S.** Osteogenesis imperfecta with dominant inheritance and normal sclerae, **65B**, *35
Miller, S.D. *with* **Bray, R.C.** *and* **Hughes, G.N.F.** Antibiotics in open fractures: a prospective randomised double-blind study of wound infection, **68B**, 850
Miller, S.J., III. *with others*. Non-operative treatment of the torn anterior cruciate ligament, **65A**, *184
Miller, S.R. *with* **Root, L.** *and* **Kirz, P.** Posterior tibial-tendon transfer in patients with cerebral palsy, **69A**, *1133
Miller, T.O. *with* **Wang, G-J.** *and* **Stamp, W.G.** Femoral fracture following hip arthroplasty: brief note on treatment, **67A**, *956
Miller, W.A. Rupture of the plantaris — does it exist?, **65A**, 422(*correspondence*)
Cephalosporins for prophylaxis in operative repair of femoral fractures: levels in serum, muscle and hematoma, **68A**, 313(*correspondence*)
Prophylactic antibiotics in amputation of the lower extremity for ischaemia: a placebo-controlled, randomized trial of cefoxitin, **68A**, 950(*correspondence*)
Prophylactic cefamandole in orthopaedic surgery, **68A**, 313(*correspondence*)
Miller, G.F. *with* **Rálli, Z.A.** *and* **McKibbin, B.** The survival of experimental articular cartilage xenografts, **67B**, 158
Miller, J.H. Complications of displaced fractures (Type II neer) of the outer end of the clavicle, **67B**, 493(*discussion*)
Functional stability of the knee following ligament reconstruction, **67B**, 152(*discussion*)
Medial meniscectomy using the extended horizontal approach, **67B**, 152(*discussion*)
Souter–Strathclyde arthroplasty of the rheumatoid elbow, **67B**, 154(*discussion*)
The Roehampton brace, **67B**, 493(*discussion*)
with **Amis, A.A.** *and* **Campbell, J.R.** Strength of carbon and polyester fibre tendon replacements: variation after operation in rabbits, **67B**, *829
with **Amis, A.A.** *and* **Campbell, J.R.** The postoperative strength variations of carbon or polyester fibre tendon replacements, **67B**, 159
with **Scullion, J.E.** Fracture of the neck of the radius in children: prognostic factors and recommendations for management, **67B**, 491
with others. The correlation of a functional study of the rheumatoid elbow with the x-ray patterns of disease and its application to elbow arthroplasty, **67B**, 154
Millet, P. *with others*. Dermatitis due to orthopaedic implants: a review of the literature and report of three cases, **69A**, *1408
Million, R. *with others*. Depressed fibrinolytic activity in patients with chronic back pain syndromes, **68B**, 840
Millis, M.B. *with* **O'Brien, T.** *and* **Griffin, P.P.** The early identification and classification of growth disturbances of the proximal end of the femur, **68A**, *970
with **O'Brien, T.M.** *and* **Griffin, P.P.** The early identification and classification of growth abnormalities of the proximal femur following treatment for congenital dislocation of the hip, **68B**, 668
Millner, T. The outcome of infected arthroplasty of the knee, **68B**, 160(*discussion*)
Millon, J. *with others*. The intramedullary screwed hip prosthesis: the reimplantation of loose or infected prostheses, **66B**, 300
Millroy, P.J. A critical review of 274 metacarpophalangeal arthroplasties, **66B**, 777(*discussion*)
Avascular necrosis of the scaphoid: partial replacement using a stabilised silicone implant, **66B**, 776 (*discussion*)
Mills, C. Complications following reattachment of the greater trochanter with the trochanter cable grip, **68B**, 502
with **Aitken, R.J.** *and* **Immelman, E.J.** The postphlebitic syndrome following shaft fractures of the leg: a significant late complication, **69B**, *775
with **Aitken, R.J.** *and* **Immelman, E.J.** The incidence and significance of the post-phlebitic limb following shaft fracture of the leg, **68B**, 506
with **Floyd, A.S.** A device to maintain pelvic orientation in the lateral position during hip replacement arthroplasty, **68B**, 503
with **Immelman, E.J.** *and* **Dall, G.** Thrombo-embolus prophylaxis in orthopaedic surgery: an international survey, **68B**, 506
with others. Studies on rheumatoid foot deformities, **68B**, 505
Mills, E.E.D. *with others*. Two malignant fibrous histiocytomas in bone infarcts: case report, **65A**, *1166
Mills, H.J. *with* **Horne, J.G.** Fractures of the proximal humerus in adults, **67B**, 679
with **Horne, J.G.** Fractures of the proximal humerus in adults, **68B**, 332
with **Horne, J.G.** Whiplash: a man-made disease?, **68B**, 675
Mills, K.W. Femoral neck offset: its significance in the practice of total hip joint replacement, **65B**, 665(*discussion*)
Talonavicular fusion for hindfoot arthritis, **65B**, 668(*discussion*)
with others An interhospital criteria audit of infection in total hip joint replacement surgery, **65B**, 663
Mills, M.F. *with* **Marcus, R.E.** *and* **Thompson, G.H.** Multiple injury in chilren, **65A**, *1290
Millstein, S. *with* **Heger, H.** *and* **Hunter, G.A.** Electrically powered prostheses for the adult with an upper limb amputation, **67B**, *278
with **McCowan, S.** *and* **Hunter, G.A.** Traumatic partial foot amputations: a long-term follow-up study, **69B**, 503
Milner, M. *with* **Hubbard, S.** *and* **Galway, H.R.** Myoelectric training methods for the preschool child with congenital below-elbow amputation: a comparison of two training programmes, **67B**, *273
Mindell, E.R. *Book reviews*, **69A**, 797
Miniaci, A. *with* **McLaren, A.C.** *and* **Ferguson, J.H.** Crush syndrome associated with use of the fracture-table: a case report, **69A**, *1447 *with* **McLaren, A.C.** Anterolateral wedge compression fractures of the thoracolumbar spine: a new seat belt injury, **69B**, 510
with **Rorabeck, C.H.** Compartment syndrome as a complication of repair of a hernia of the tibialis anterior: a case report, **68A**, *1444
Minns, R.A. *with* **Law, H.T.** *and* **Hughes, S.P.F.** A new apparatus for the measurement of spatial and temporal parameters of gait, **69B**, 493
Minns, R.J. *with* **Epstein, H.P.** *and* **Porter, B.B.** Upper tibial osteotomy for osteoarthritis of the knee: (I) determination of loading on the joint compartments; (II) tools to assist the operation, **65B**, 220
with **Lennox, C.M.E.** *and* **Porter, B.B.** A study of the factors responsible for pain relief after upper tibial wedge osteotomy, **68B**, 670
with others. Plantar pressures, gait analysis, foot shape and lower limb rotation patterns in growing children, **65B**, 366
Mino, D.E. *with* **Palmer, A.K.** *and* **Levinsohn, E.M.** Radiography and computerized tomography in the diagnosis of incongruity of the distal radio-ulnar joint: a prospective study, **67A**, *247
Mintowt-Czyz, W. *with* **Richards, J.** Evidence for a biphasic healing pattern in tibial fracture healing, **68B**, 839
with others. The contaminated skin-knife: a surgical myth, **65B**, *210
Mintowt-Czyz, W.J. Functional cast-bracing for Colles' fractures: a comparison between Orthoplast cast-bracing and conventional plaster cast, **66B**, 286(*discussion*)
with **Fairclough, J.A.** Prophylactic cefamandole in orthopaedic surgery, **67A**, 665(*correspondence*)
with **Jenkins, N.H.** *and* **Jones, D.G.** The external fixation of Colles' fractures: a controlled clinical trial, **69B**, 152
with **Jenkins, N.H.** *and* **Fairclough, J.A.** Irreducible dislocation of the inferior radio-ulnar joint, **69B**, 152
with **Jenkins, N.H.** Compression of the biceps-brachialis compartment after trivial trauma, **68B**, *374
with others. Assessment of fracture healing by vibration analysis, **66B**, 286
with others. External fixation of Colles' fractures: an anatomical study, **69B**, *207
with others. The natural frequency of tibial fractures, **66B**, 287
Mirels, H. Metastatic disease in long bones: a proposed scoring system for diagnosing impending pathological fractures, **68B**, 502

* Indicates full article or appreciable part

Mirkov, P. *with others.* Biplane radiographic measurements of reversible displacement (including clinical loosening) and migration of total joint replacements, **65A**, *1134
Mirovsky, Y. *with* **Axer, A.** *and* **Hendel, D.** Residual shortening after osteotomy for Perthes' disease, **66B**, *184
with **Halperin, N.** *and* **Hendel, D.** Abduction-traction injury of the knee, **66B**, *201
Mirza, A.B. *with* **Landelis, D.G.** Modified system of segmental instrumentation of idiopathic scoliosis versus Harrington instrumentation: a comparative study, **66B**, 299
Misamore, G. *with* **Hobeika, P.** *and* **Hawkins, R.J.** Patient selection and expectation regarding surgery for full thickness rotator cuff tears, **68B**, 848
Misamore, G.W. *with* **Capello, W.N.** *and* **Trancik, T.M.** The Indiana conservative (surface-replacement) hip arthroplasty, **66A**, *518
with **Hawkins, R.J.** *and* **Hobeika, P.E.** Surgery for full-thickness rotator-cuff tears, **67A**, *1349
Miskew, D.B.W. *with others. Pseudomonas aeruginosa* bone and joint infection in drug abusers, **65A**, *829
Misoul, C. *with others.* Central acetabular fracture with ipsilateral femoral-neck fracture and intrapelvic dislocation of the femoral head without major pelvic-column disruption: a case report, **69A**, *612
Missiuna, P.C. *with* **Dewar, R.D.** The long-term sequelae of hip fusion, **69B**, 509
Mitchell, G.P. *Book reviews*, **66B**, 795 new aid in diagnosis of congenital dislocation of the hip, **66B**, 281(*discussion*)
Presidential address, British Orthopaedic Association, **65B**, 213
Abductor contracture of the infantile hip, **67B**, 150(*discussion*)
A prospective study of conservative versus operative management of Perthes' disease, **67B**, 147(*discussion*)
Experience of real-time ultrasonography of the infant hip joint, **67B**, 149(*discussion*)
Modified Denis Browne hip splints (the Adelaide splint): a safe treatment in the early management of congenital dislocation of the hip, **68B**, 156(*discussion*)
Periosteal division in the management of the short leg in childhood, **66B**, 276(*discussion*)
Talipes equinovarus: is the tether medial or lateral?, **65B**, 221(*discussion*)
The Batchelor–Grice extra-articular subtalar arthrodesis, **67B**, 147(*discussion*)
The Trendelenburg test in the subluxating hip, **69B**, 491
Walking for paraplegics: the potential for adults, **66B**, 285(*discussion*)
with **McNicol, D.** *and* **DeSouza, Y.** Organisation and cost analysis of school screening for scoliosis in Australian Capital Territory, **66B**, 790
Mitchell, N. *with* **Shepard, N.** Ultrastructural modifications of proteoglycans coincident with mineralization in local regions of rat growth plate, **67A**, *455
Mitchell, R. *with* **Berman, L.** *and* **Katz, D.** Ultrasound assessment of femoral anteversion: a comparison with computerised tomography, **69B**, *268
Mitchell, T. *with others.* Mineral formation in the osteoid of human bone, **65B**, 92
Mitsui, H. A new operation for atlanto-axial arthrodesis, **66B**, *422
Mittlemeier, H. Eight years of clinical experience with self-locking ceramic hip prosthesis, "Autophor", **66B**, 300
Miyagi, T. *with others.* Locking of the metacarpophalangeal joint of the thumb, **67A**, *782
Miyasaka, Y. *with* **Sakurai, M.** Neural fibrosis and the effect of neurolysis, **68B**, *483
Mjöberg, B. *with* **Rydholm, A.** *and* **Önnerfält, R.** Total hip arthroplasty with a low-modulus porous-coated femoral component: progress report, **67A**, 1142(*correspondence*)
with others. Mechanical loosening of total hip prostheses: a radiographic and roentgen stereophotogrammetric study, **68B**, *770
Mo, L.Y. *with others.* Early diagnosis of scoliosis based on school-screening, **67A**, *1202
Mocan, H. *with* **Blockey, N.J.** *and* **Murphy, A.V.** Management of rachitic deformities in children with chronic renal failure, **68B**, *791
Mochizuki, T. *with others.* Operations for cervical spondylotic myelopathy: a comparison of the results of
anterior and posterior procedures, **67B**, *609
Moe, J. *with others.* Scheuermann kyphosis: follow-up of Milwaukee-brace treatment, **69A**, *50
Moe, J.H. *with* **Winter, R.B.** *and* **Lonstein, J.E.** Posterior spinal arthrodesis for congenital scoliosis: an analysis of the cases of two hundred and ninety patients, five to nineteen years old, **66A**, *1188
with others. Adult idiopathic scoliosis treated by anterior and posterior spinal fusion, **69A**, *843
with others. The selection of fusion levels in thoracic idiopathic scoliosis, **65A**, *1302
Moed, B.R. *with others.* Immediate internal fixation of open fractures of the diaphysis of the forearm, **68A**, *1008
Mogle, P. *with* **Amir, D.** *and* **Weinberg, H.** Multiple epiphysial dysplasia in one family: a further review of seven generations, **67B**, *809
Mohr, W. *with* **Galle, J.** Arthritis presumably caused by chlamydia in Reiter syndrome: case report with electron microscopic studies, **68A**, 1466(*correspondence*)
Mollan, R.A.B. *Mycobacterium kansasii*: an undiagnosed cause of stiff fingers, **65B**, 220(*discussion*)
Assessment of fracture healing by vibration analysis, **66B**, 286(*discussion*)
with **Craig, B.F.** *and* **Biggart, J.D.** Chronic sclerosing osteomyelitis, **66B**, *583
with **Graham, H.K.** *and* **McCoy, G.F.** A new injury of the distal radio-ulnar joint, **67B**, *302
with **Stewart, R.J.** *and* **Patterson, C.C.** Ossification of the normal femoral capital epiphysis, **68B**, *653(*brief report*)
with others. A new aid in the diagnosis of congenital dislocation of the hip, **65B**, 656; **66B**, 281
with others. Chondrosarcoma developing in synovial chondromatosis: a case report, **69B**, *137
with others. Detection of obstructions in venous blood flow following total hip replacement, **69B**, 498
with others. Diagnostic vibrations, **65B**, 222
with others. Impedance plethysmography: a screening procedure to detect deep-vein thrombosis, **69B**, *264
with others. Vibration arthrography as a diagnostic aid in diseases of the knee: a preliminary report, **69B**, *288
with others. Vibration arthrography in the diagnosis of internal diseases of the knee, **67B**, 844
with others. What is patellofemoral crepitus?, **68B**, 496
Moller, G. *with others.* Scoliosis screening: a needs study, **69B**, 167
Moller, H.S., III. *with others.* The influence of tibial-patellofemoral location on function of the knee in patients with the posterior stabilized condylar knee prosthesis, **68A**, *1035
Mollinger, L.A. *with others.* Functional performance after excision of the vastus lateralis and vastus intermedius: a case report, **65A**, *856
with others. Functional performance after tibial rotationplasty, **67A**, *392
Molony, R.J. *with others.* Disability following tibial shaft fracture, **68B**, 678
Moneim, M.S. *with* **Chacon, N.E.** Salvage of replanted parts of the upper extremity, **67A**, *880
Monk, C.J.E. Cementless fixation of the acetabular component of the hip, **66B**, 147(*discussion*)
Prevention of acetabular erosion after hemiarthroplasty, **65B**, 219(*discussion*)
with others. A six-month surveillance programme for congenital dislocation of the hip and acetabular dysplasia, **69B**, 498
Monro, P.P. *with* **Shearer, J.R.** The growth of the embryonic chick femur cultured on the chorioallantoic membrane, **65B**, 658
with **Shearer, J.R.** The invasion of dead bone by osteoclasis, **65B**, 93
with others. Ascorbic acid levels in fractures of the neck of the femur, **69B**, 158
Montane, I. Synovectomy of the knee for hemophilic arthropathy, **69A**, 153(*correspondence*)
with **McCollough, N.C., III.** *and* **Lian, E.C.-Y.** Synovectomy of the knee for hemophilic arthroplasty, **68A**, *210
Montgomerie, J.Z. *with others.* Reactivation of tuberculous infection following total joint replacement: a case report, **65A**, *1015
Montgomery, H. *with others.* The effect of induced electric currents on bone after experimental osteotomy in sheep, **67B**, *463
Montgomery, R.J. *with* **Cross, A.** The treatment of tibial shaft fractures by the locking medullary nail system, **69B**, 489
Monty, C.P. *Book reviews*, **68B**, 169
Mooar, P.A. *with others.* The symptomatic anterior cruciate-deficient knee: part I: the long-term functional disability in athletically active individuals, **65A**, *154
with others. The symptomatic anterior cruciate-deficient knee: part II: the results of rehabilitation, activity modification and counselling on functional disability, **65A**, *163
Mooney, V. *with* **Frymoyer, J.W.** Occupational orthopaedics, **68A**, *469(*current concepts review*)
with **Holmes, R.E.** *and* **Bucholz, R.W.** Porous hydroxyapatite as a bone-graft substitute in metaphyseal defects: a histometric study, **68A**, *904
Moore, D.W. *with* **Burkus, J.K.** *and* **Raycroft, J.F.** Valgus deformity of the ankle in myelodysplastic patients: correction by stapling of the medial part of the distal tibial physis, **65A**, *1157
Moore, F. The relationship of ligamentous clicks arising from the newborn hip and congenital dislocation, **67B**, 491(*discussion*)
Moore, F.H. A two-year prospective study of intracapsular femoral neck fractures: mortality and mechanical failure, **68B**, 157(*discussion*)
Abductor contracture of the infantile hip, **67B**,150(*discussion*)
Medial meniscectomy using the extended horizontal approach, **67B**, 152(*discussion*)
The Oxford clubfoot programme, **66B**, 142(*discussion*)
Moore, J. *with others.* High-field magnetic-resonance imaging of aseptic necrosis of the talus: a case report, **68A**, *927
Moore, J.R. *Book reviews*, **69A**, 318
with **Weiland, A.J.** *and* **Daniel, R.K.** The efficacy of free tissue transfer in the treatment of osteomyelitis, **66A**, *181
Moore, K. *with others.* Growth-plate-chondrocyte profiles and their orientation, **67A**, *942
Moore, T. *with others.* Resection of heterotopic ossification in the adult with head trauma, **67A**, *1261
Moore, T.M. *with others.* Results of compression-plating of closed Galeazzi fractures, **67A**, *1015

* Indicates full article or appreciable part

Moore, W.S. *with others.* The musculoskeletal applications of NMR imaging, **66B**, 290
with others. The use of nuclear magnetic resonance in the diagnosis of lateral canal entrapment, **66B**, *711
Moran, P.L. *with* **Carey, R.** *and* **Cole, W.G.** Slipped femoral capital epiphysis: a follow-up study, **68B**, *336
Morandi, M. *with others.* Surgical treatment of giant-cell tumor of the spine: the experience at the Istituto Ortopedico Rizzoli, **65A**, *1283
Morawa, L.G. *with* **Posman, C.L.** Vascular injury from intrapelvic migration of a threaded pin: a case report, **67A**, *804
More, R.C. *with* **Kochan, A.** *and* **Markolf, K.L.** Anterior-posterior stiffness and laxity of the knee after major ligament reconstruction, **66A**, *1460
Moreau, J.P. *with* **Moreau, P.G.** Free osteocartilaginous grafts in surgery in the forefoot, **67B**,326
Moreau, M. *with* **Lake, D.** *and* **Rittenhouse, B.** Outpatient percutaneous heel cord lengthening for the treatment of equinus contractures in children, **68B**, 855
with others. The torsional resistance of spinal fracture instrumentation, **69B**, 507
Moreau, P.G. *with* **Moreau, J.P.** Free osteocartilaginous grafts in surgery in the forefoot, **67B**,326
Morehouse, H. *with others.* Condensing osteitis of the clavicle: a case report, **66A**, *1484
Morein, G. *with* **Gottschalk, F.** *and* **Weber, F.** Analysis union of trochanteric osteotomy in total hip replacement, using U-bolt fixation, **66B**, 446
Moreira, R. de G. Moreira, Francisco E. de Godoy, **69A**, 1113(*obituary*)
Moreland, J.R. *with* **Bassett, L.W.** *and* **Hanker, G.J.** radiographic analysis of the axial alignment of the lower extremity, **69A**, *745
Moreland, M.S. *with* **Stokes, I.A.F.** Measurement of the shape of the surface of the back in patients with scoliosis: the standing and forward-bending positions, **69A**, *203
Morgan, C.D. *with others.* Long-term results of tibiotalar arthrodesis, **67A**, *546
Morgan, D.A.F. A prospective computer analysis of road accident injuries, **66B**, 783
with **McGiffin, P.B.** *and* **Weedon, D.**DeV. An experimental study of iatrogenically induced operating theatre burns, **66B**, 778
with **Walters, J.W.** A prospective study of 100 consecutive scaphoid fractures, **65B**, 97
Morgan, D.B. *with others.* Markers of nutritional status in elderly females with fracture of the neck of the femur, **67B**, 160
Morgan, G.J. Bracing or plaster for Colles' fractures?: a randomised prospective controlled trial, **65B**, 221(*discussion*)
Mori, Y. *with others.* Subacromial bursoscopic findings in patients with painful shoulders, **67B**, 495
Morin, B. *with others.* Acetabular fractures: standardisation of surgical approaches, **66B**, 295
with others. Correction of the kyphosis in myelomeningocele patients by both anterior and posterior stabilisation procedure, **66B**, 302
with others. Long-term complications of innominate osteotomy in the treatment of Legg–Perthes disease, **67B**, 332
with others. Spinal segmental instrumentation for the treatment of all types of paralytic scoliosis, **66B**, 299
with others. The value of computerised tomography in the evaluation of recurrent patellar subluxation, **69B**, 504
Morkane, A.J. *with* **Inglis, G.S.** *and* **Robertson, R.W.** Segmental phenolisation for the treatment of ingrown toenails: a randomised controlled study, **65B**, 519
Morley, T.P. *with others.* The spectrum and natural history of pyogenic vertebral osteomyelitis, **66B** 299
Morley, T.R. *with* **Hunt, D.M.** *and* **Webb, P.J.** A revised skin incision for operations on the posterior iliac crest and sacro-iliac joint, **66B**, 146
with others. Combined compression and distraction Harrington instrumentation in adolescent idiopathic scoliosis, **69B**, 853
with others. Heparin and dihydroergotamine prophylaxis against thrombo-embolism after hip arthroplasty, **67B**, *538
Moroz, T.K. *with others.* Stability of ten configurations of the Hoffman external-fixation frame, **69A**, *734
Morrey, B.F. *with* **Broberg, M.A.** Results of delayed excision of the radial head after fracture, **68A**, *669
with **Bryan, R.S.** Infection after total elbow arthroplasty, **65A**, *330
with **Bryan, R.S.** Revision total elbow arthroplasty, **69A**, *523
with **Beck, P.** *and* **Chao, E.Y.S.** The optimum position of arthrodesis of the ankle: a gait study of the knee and ankle, **69A**, *1052 *with* **Pettine, K.A.** Osteochondral fractures of the talus: a long-term follow-up, **69B**, *89
with **Fogel, G.R.** Delayed treatment of ankle fractures by open reduction and internal fixation 2 to 4 weeks after injury, **68B**, 850
with **Stachell, J.W.** *and* **Cass, J.R.** Condylar total knee arthroplasty after failed proximal tibial osteotomy, **69A**, *28
with others. Complications and mortality associated with bilateral or unilateral total knee arthroplasty, **69A**, *484
with others. Rupture of the distal tendon of the biceps brachii: a biomechanical study, **67A**, *418
Morris, D.L. *with* **Szypryt, E.P.** *and* **Mulholland, R.C.** Combined chemotherapy and surgery for hydatid bone disease, **69B**, *141
Morris, E. *with others.* Is there any place for fusion in simple backache?, **67B**, 151
Morris, E.W. *with* **DiPaola, M.P.** *and* **Waddell, G.** Diagnostic criteria for nerve root involvement in backache, **65B**, 223
Morris, J.S. Continuous passive motion in postoperative rehabilitation of the hand: a prospective study, **69B**, 501
Morris, L. *with others.* Skeletal age estimation and leg-length discrepancy, **69B**, 163
Morris, P. *with others.* The management of equinus deformity in Duchenne muscular dystrophy, **66B**, *546
Morris, S.G. *with others.* Infected total knee arthroplasty: the UCSF experience, **69B**, 505
Morrison, J.D. *with* **Fergusson, C.M.** *and* **Kenwright, J.A.** The place of Syme's amputation for the treatment of leg-length discrepancy, **67B**, 150
with **Fergusson, C.M.** *and* **Kenwright, J.** Leg-length inequality in children treated by Syme's amputation, **69B**, *433
Morrison, M.C.T. *Book reviews*, **66B**, 794; **68B**, 169
Book reviews, **69B**, 688
Abductor contracture of the infantile hip, **67B**, 149(*discussion*)
Acute haematogenous osteomyelitis: high dose antibiotic treatment, **66B**, 145(*discussion*)
Acute rupture of the lateral ligament of the ankle: to suture or not to suture?, **67B**, 145(*discussion*)
Ankle fractures: should we operate or not?, **66B**, 144(*discussion*)
Is there any place for fusion in simple backache?, **67B**, 151(*discussion*)
Os calcis pin traction and the subtalar joint, **67B**,146(*discussion*)
Total thumb reconstruction using an osteocutaneous forearm flap, **67B**, 153(*discussion*)
Morrison, W.L. *with others.* Quadriceps muscle wasting and protein synthesis studied by stable isotope techniques in patients with unilateral fracture of the tibia, **68B**, 498
Morrissy, R.T. *Book reviews*, **68A**, 1310
with **Copeland, R.L.** *and* **Meehan, P.L.** Spontaneous regression of osteochondromas: two case reports, **67A**, *971
with **Steele, R.W.** *and* **Gerdes, M.H.** Localised immune complexes and slipped upper femoral epiphysis, **65B**, *574
with **Wilkins, K.E.** Deformity following distal humeral fracture in childhood, **66A**, *557
with others. Allograft bone in spinal fusion for paralytic scoliosis, **68A**, *370
with others. Hyperalimentation for superior mesenteric-artery (cast) syndrome following correction of spinal deformity, **66A**, *1175
Morton, K.S. *with* **McGraw, R.W.** Osteoid-osteoma: report of a case in a sixty-year-old man, **69A**, *449
with others. Osteoid osteoma: a 30-year experience with 76 cases at the University of British Columbia, **67B**, 328
with others. Pre-operative chemotherapy in osteosarcoma, **67B**, 329
Morvan, G. *with others.* Leiomyomatosis metastasizing to the spine: a case report, **65A**, *1163
Mosca, V. *with others.* The Unit Rod in segmental instrumentation of the spine for neuromuscular scoliosis, **68B**, 853
Moschos, N. *with* **Taylor, L.J.** *and* **Simonis, R.B.** Non-union of the scaphoid: a prospective study of direct current stimulation, **67B**, 493
Moscovitz, G. *with others.* Biological reconstruction of skeletal defects following en bloc excision of bone tumours, **68B**, 848
Moseley, C.F. *with* **Jones, D.C.** Subluxation of the knee as a complication of femoral lengthening by the Wagner technique, **67B**, *33
with others. The Unit Rod in segmental instrumentation of the spine for neuromuscular scoliosis, **68B**, 853
Mosher, J.F. *with* **Fatti, J.F.** An unusual complication of fracture of both bones of the forearm in a child: a case report, **68A**, *451
with **Shaw, J.A.** A giant-cell tumor in the hand presenting as an expansile diaphyseal lesion: case report, **65A**, *692
Mosier, K.M. *with* **Asher, M.** Tarsal coalitions and peroneal spastic flat foot: a review, **66A**, *976
Moskal, J.T. *with others.* Nitrogen-gas injection from a power reamer: a complication of closed intramedullary nailing of the femur: technical note, **65A**, *860
Moss, S.H. *with* **Lowrey, D.G.** *and* **Wolff, T.W.** Volar dislocation of the capitate: report of a case, **66A**, *611
with others. Unicompartmental and bicompartmental arthroplasty of the knee with a finned metal tibial-plateau implant, **67A**, *1175
Mossad, M.M. *with* **Fyfe, I.S.** *and* **Holdsworth, B.J.** Methods of fixation of olecranon fractures: an experimental mechanical study, **67B**, *367
Moula, T. *with* **Fowles, J.V.** *and* **Kassab, M.T.** Untreated intra-articular entrapment of the medial humeral epicondyle, **66B**, *562
Moulton, A. *with* **Upadhyay, S.S.** *and* **Burwell, R.G.** Biological factors predisposing to traumatic posterior dislocation of the hip, **67B**, *232
with **Upadhyay, S.S.** *and* **Burwell, R.G.** Femoral anteversion in Perthes' disease with observations on irritable hips: application of a new method using ultrasound, **68B**, 496
with **Upadhyay, S.S.** *and* **Srikrishamurthy, K.** An analysis of the late effects of traumatic posterior dislocation of the hip without fractures, **65B**, *150
with others. Does an associated injury affect the outcome of a fracture of the femoral shaft?: a statistical analysis, **66B**, 285

Mounier-Kuhn, A. An experience of the signal arm (K-Y) nail, **67B**, 147(*discussion*)
The treatment of infected total knee replacements, **67B**, 144(*discussion*)
Mowbray, M.A.S. *with others.* An electrogoniometric examination of the pivot shift sign, **65B**, 659
Mower, D. *with others.* Growth-plate-chondrocyte profiles and their orientation, **67A**, *942
with others. Morphometric analysis of chondrocyte hypertrophy, **68A**, *243
Mowery, C.A. *with* **Rhoades, C.E.** *and* **Gelbermar., R.H.** Results of internal neurolysis of the median nerve for severe carpal-tunnel syndrome, **67A**, *253
with others. Recurrent posterior dislocation of the shoulder: treatment using a bone block, **67A**, *777
Moynihan, F.J. *with others.* A prospective study of parachute injuries in civilians, **69B**, *17
Msika, C. *with* **Insall, J.N.** *and* **Joseph, D.M.** High tibial osteotomy for varus gonarthrosis: a long-term follow-up study, **66A**, *1040
Mubarak, S.J. *with others.* Vibratory response in idiopathic scoliosis, **68B**, *714
Muckle, D.S. Open meniscectomy: enhanced recovery after synovial prostaglandin inhibition, **66B**, *193
with **Fansa, M.** *and* **Bruce, R.J.** Long-term prognosis of stable lumbar fractures in young adults, **66B**, 285
with **Vijaya, T.R.** Peripheral repair as an alternative to meniscectomy, **68B**, 159
Mudge, M.K. *with* **Wood, V.E.** *and* **Frykman, G.K.** Rotator cuff tears associated with os acromiale, **66A**, *427, 1321(*correspondence*)
Muelenaere, P.F.R.G. Hip fractures in children, **69B**, 683
Muir, H. *with others.* Isolation and characterization of high-buoyant-density proteoglycans from semilunar menisci, **68A**, *55
Muirhead, A. *with* **Conner, A.N.** The assessment of lung function in children with scoliosis, **67B**, *699
with **Newman, R.J.** A safe and effective low pressure tourniquet: a prospective evaluation, **68B**, *625
Muirhead-Allwood, W. *with* **Hutton, P.A.N.** *and* **Glasgow, M.M.S.** A comparative study of cemented and uncemented Thompson prostheses, **65B**, 218
Muirhead-Allwood, W.F.G. *with* **Marx, C.L.** *and* **Aichroth, P.M.** Patellar release/repositioning operation for recurrent, habitual and persistent dislocation of the patella, **67B**, 155
Mukherjee, S.K. *with* **Stone, M.H.** *and* **Newman, R.J.** Accelerated fracture union in association with severe head injury, **69B**, 493
Mulholland, R.C. *Book reviews*, **69B**, 859
Long-term prognosis of stable lumbar fractures in young adults, **66B**, 286(*discussion*)
Mechanical factors in the incidence of adolescent patellofemoral pain, **66B**, 280(*discussion*)
Osteoid osteoma and osteoblastoma of the spine, **66B**, 278(*discussion*)
Prospective CT Study of the effect of chemonucleolysis, **66B**, 281(*discussion*)
with **Fyfe, I.S.** *and* **Henry, A.P.J.** Closed vertebral biopsy, **65B**, *140
with **Szypryt, E.P.** *and* **Morris, D.L.** Combined chemotherapy and surgery for hydatid bone disease, **69B**, *141
with others. A study revealing a tall pelvis in subjects with low back pain, **65B**, *153
with others. Discitis following lumbar surgery, **68B**, 158
with others. Electrical studies in the problem back: a blind trial, **66B**, 280
with others. Intra-operative spinal somatosensory evoked potentials in lumbar nerve root compression, **67B**, 160
with others. Magnetic resonance imaging and discography in the diagnosis of disc degeneration: a comparative study of 50 discs, **68B**, *369
with others. Magnetic resonance imaging of adolescent disc herniation, **69B**, *699
with others. The changes in the intervertebral disc after chemonucleolysis demonstrated by magnetic resonance imaging, **68B**, *719
with others. The musculoskeletal applications of NMR imaging, **66B**, 290
with others. The use of nuclear magnetic resonance in the diagnosis of lateral canal entrapment, **66B**, *711
Mullan, G.B. *with others.* Electrical surface stimulation for idiopathic scoliosis, **68B**, 681
Mullen, B.M. *with others.* Cardiopulmonary function and pulmonary microemboli during arthroplasty using cemented or non-cemented components: the role of intramedullary pressure, **69A**, *822
Müller, L.H. Baumann's angle: a radiological assessment of supracondylar fractures of the humerus in children, **66B**, 459(*discussion*)
Müller, M. *with* **McBroom, R.** Aseptic loosening: fifteen years' experience with the Müller total hip arthroplasty, **66B**, 300
Mulligan, M.E. *with* **Simon, K.** Growing bone islands revisited: a case report, **67A**, *809
Mulligan, P.J. Is carpal tunnel release always successful?, **65B**, 223(*discussion*)
with **Grimer, R.J.** *and* **Thompson, A.G.** Thoracic outlet syndrome following correction of scoliosis in a patient with cervical ribs: a case report, **65A**, *1172
Mullineux, S. *with others.* Chondrolysis mediated by non-invasive tissues in rheumatoid arthritis, **68B**, 840
Mulnier-Kuhn, H. Tibial tubercle advancement for failed patellectomy, **67B**, 156(*discussion*)
Munns, S.W. *with others.* Hyperalimentation for superior mesenteric-artery (cast) syndrome following correction of spinal deformity, **66A**, *1175
Munro, T. *with* **Messieh, S.S.** *and* **Fowler, P.J.** Re-evaluation of the standing anteroposterior radiograph for gonarthrosis, **69B**, 504
Munro, T.G. *with* **Kruger, G.D.** *and* **Rock, M.G.** Condensing osteitis of the clavicle: a review of the literature and report of three cases, **69A**, *550
Mur, T. *with others.* Fractures of the distal tibial epiphysis in adolescence, **65A**, 1208(*correspondence*)
Murakami, T. *with others.* Arthroplasty of the elbow: twenty years' experience of a new approach, **69B**, *116
Murakawa, H. *with others.* Surgical treatment of cervical spondylotic myelopathy complicating athetoid cerebral palsy, **66B**, *504
Murdoch, G. Knud Jansen (*obituary*), **65B**, 88
The place of Syme's amputation for the treatment of length discrepancy, **67B**, 150(*discussion*)
with **Saleh, M.** In defence of gait analysis: observation and measurement in gait assessment, **67B**, *237
with others. Quadriceps muscle wasting and protein synthesis studied by stable isotope techniques in patients with unilateral fracture of the tibia, **68B**, 498
with others. Wedge resection of amputation stumps: a valuable salvage procedure, **69B**, *306
Murley, A.H.G. *with* **Constant, C.R.** A clinical method of functional assessment of the shoulder, **68B**, 667
with others. Do soft-tissue operations work in hallux valgus?: a review of the McBride procedure in middle-aged females, **69B**, 156, 511(*corrigendum*)
Murphy, A.V. *with* **Blockey, N.J.** *and* **Mocan, H.** Management of rachitic deformities in children with chronic renal failure, **68B**, *791
Murphy, G. *with others.* Fractures of the femoral shaft treated by external fixation with the Wagner device, **66A**, *360
Murphy, J.C.M. *with others.* Bone grafting for protrusio acetabuli during total hip replacement: a review of the Wrightington method in 61 hips, **69B**, *229
Murphy, S.B. *with* **Walker, P.S.** *and* **Schiller, A.L.** Adaptive changes in the femur after implantation of an Austin Moore prosthesis, **66A**, *437
with others. Femoral anteversion, **69A**, *1169
Murphy, W. *Book reviews*, **65B**, 680; **66B**, 152; **67B**, 169
with **Davies, S.J.M.** Outpatient arthroscopic screening, **66B**, 146
Murphy, W.A. *with* **Coe, J.D.** *and* **Whyte, M.P.** Management of femoral fractures and pseudofractures in adult hypophosphatasia, **68A**, *981
with others. Ultrasonographic evaluation of the rotator cuff and biceps tendon, **68A**, *440, 951(*correspondence*)
Murray, A. *with* **Boardman, K.** The design of an electronic monitor to aid the safer use of pneumatic tourniquet machines, **69B**, 157
Murray, D. *Book reviews*, **66A**, 812
Murray, J. *Book reviews*, **66A**, 477, 638; **69A**, 158
Murray, J.A. Donovan, Michael M., **69A**, 155(*obituary*)
Metastatic disease of the spine, **69A**, 633(*correspondence*)
with **Ayala, A.G.** *and* **Raymond, A.K.** Osteoid-osteoma: intraoperative tetracycline–fluorescence demonstration of the nidus, **69A**, 310(*correspondence*)
with **Schlafly, B.** Giant-cell tumors in the radius: treatment by resection and fibular autograft interpositional arthrodesis, **68A**, *687
with others. Osteoid-osteoma: intraoperative tetracycline-fluorescence demonstration of the nidus, **68A**, *747
Murray, J.F. *with* **Poplawski, Z.J.** *and* **Wiley, A.M.** Post-traumatic dystrophy of the extremities: a clinical review and trial of treatment, **65A**, *642
Murray, K. *with others.* Urinary retention after total hip replacement: a prospective study, **69B**, *64
Murray, M.P. *with others.* Functional performance after excision of the vastus lateralis and vastus intermedius: a case report, **65A**, *856
with others. Functional performance after tibial rotationplasty, **67A**, *392
with others. Shoulder-muscle strength and range of motion following surgical repair of full-thickness rotator-cuff tears, **68A**, * 266
Murray, R.C. Supracondylar fractures of the humerus in childhood: results of straight lateral traction, **68B**, 155(*discussion*)
Murray, S.D. *with* **Kehl, D.K.** Chronic recurrent multifocal osteomyelitis: a case report, **66A**, *1110
Murray, W.J.G. *with others.* Heparin and dihydroergotamine prophylaxis against thrombo-embolism after hip arthroplasty, **67B**, *538
Murray, W.R. *with* **Mauerhan, D.R.** *and* **Dodge, L.D.** Detection of sepsis following hip arthroplasty, **66B**, 300
with others Infected total knee arthroplasty: the UCFS experience, **69B**, 505
Muscolo, D.L. *with others.* Tissue-typing in human massive allografts of frozen bone, **69A**, *583
Myers, C. *with others.* Assessment of the risk of vertebral fracture in menopausal women, **69A**, *212, 952(*correspondence*)
Myers, D.B. *with* **Caughey, M.A.** *and* **Wilson-MacDonald, J.** Diurnal variation in median nerve conduction, hand volume and grip strength in the carpal tunnel, **67B**, 679

* Indicates full article or appreciable part

Myers, P. *with* **McGuire, T.P.** Ulna osteotomy for missed Monteggia fracture, **68B**, 336
Myers, P.T. One thousand consecutive rugby union injuries, **66B**, 781
Myerson, M. Posterior tibial tendon dysfunction and its association with seronegative spondylo-arthropathy, **69B**, 679
Myles, A.B. *Book reviews*, **66B**, 466
Myles, J.W. Scoliosis: school screening; its advantages and disadvantages, **67B**, 487(*discussion*)
Myllynen, P. *with* **Riska, E.B.** and **Böstman, O.**
Anterolateral decompression for neural involvement in thoracolumbar fractures: a review of 78 cases, **69B**, *704

N

Nachemson, A. *with* **Ryan, M.D.** Adolescent idiopathic scoliosis: perinatal and environmental influence in a Swedish population and their relationship to curve severity, **68B**, 334
Nachemson, M.D. *with others*. Results of surgical treatment of adults with idiopathic scoliosis, **69A**, *667
Nachlas, N.E. *with others*. The anterior retropharangeal approach to the upper part of the cervical spine, **69A**, *1371
Nachman, J. *with* **Simon, M.A.** The clinical utility of preoperative therapy for sarcomas, **68A**, *1458(*current concepts review*)
Nada, A. Fresh rupture of the Achilles tendon: treatment by external fixation, **65B**, 657
Rupture of the calcaneal tendon, **67B**, *449
Nade, S. *with* **Hardcastle, P.** *and* **Arnold, W.** Hereditary bone dysplasia with malignant change: report of three families, **68A**, *1079
with others. Acute haematogenous osteomyelitis and septic arthritis—a single disease: an hypothesis based upon the presence of transphyseal blood vessels, **68B**, *268
Nade, S.M.L. Acute haematogenous osteomyelitis in infancy and childhood, **65B**, *109(*review article*)
Acute septic arthritis in infancy and childhood, **65B**, *234(*review article*)
with **Hardcastle, P.** What is the Trendelenburg test?, **65B**, 665
with **Hardcastle, P.H.** The significance of the Trendelenburg test, **67B**, *741
with **Imsley, K.** Experimental staphylococcal osteomyelitis: the effects of a metaphyseal drill hole, **68B**, 333
with **Jaffray, D.** Does surgical glove powder decrease the inoculum of bacteria required to produce an abscess, **65B**, 664
with **Newbold, P.** Intra-articular pressure: what determines its level?, **65B**, 671
with **Sikorski, J.M.** A simple and comprehensive orthopaedic auditing system, **65B**, 663
with others. Acute septic arthritis: what is the outcome?, **68B**, 333
with others. The use of ceramics for bone replacement, **66B**, *269
Nader, N.A. *with* **Duchesne, R.** *and* **Thivierge, A.** The sub-trochanteric fracture of the femur: treatment by Richard's screw-plate, **67B**, 325
Nagase, M. *with others*. Sternocostoclavicular hyperostosis: a report of nineteen cases, with special reference to etiology and treatment, **68A**, *103
Nagi, O.N. *with* **Gautam, V.K.** *and* **Marya, S.K.S.** Treatment of femoral neck fractures with a cancellous screw and fibular graft, **68B**, *387
Nahum, H. *with others*. Leiomyomatosis metastasizing to the spine: a case report, **65A**, *1163
Naidoo, K.S. Anterior spinal cord decompression in kyphosis particular reference to healed tuberculosis, **66B**, 455 (*discussion*)
Brachial plexus repair in babies and young children, **66B**, 452(*discussion*)
Chondroblastoma, **67B**, 508
Congenital pseudarthroses of the tibia, **67B**,508(*discussion*)
Habitual dislocation of the patella, **66B**, 452
Hydatid disease of bone, **68B**, 508
Injury to the musculocutaneous nerve as a complication of operations for recurrent dislocation of the shoulder, **66B**, 449(*discussion*)
Nerve injuries associated with closed fractures and dislocations: the case for early surgical exploration, **66B**, 458
One-stage decompression-stabilisation of thoracolumbar fractures, **66B**, 456(*discussion*)
Slipped capital femoral epiphysis: the Bloemfontein experience, **66B**, 448(*discussion*)
The surgical treatment of congenital hip dislocation in children under four years of age, **69B**, 683
Uncommon bone tumours, **67B**, 509
Nakahara, S. *with others*. Surgical treatment of cervical spondylotic myelopathy complicating athetoid cerebral palsy, **66B**, *504
Nakai, O. *with others*. Paraplegia as a complication of corticosteroid therapy: a case report, **66A**, *783
Nakajima, I. *with others*. The effect of load alteration on the biological and biomechanical performance of a titanium fiber–metal segmental prosthesis, **68A**, *118
Nakamura, H. *with others*. Measurement of anterior instability of the knee: a new apparatus for clinical testing, **69B**, *608
Nakamura, N. *with* **Ellis, M.** *and* **Seedhom, B.B.** Advancement of the tibial tuberosity: a biomechanical study, **67B**, *255
Nakielny, R. *with* **Angus, P.D.** *and* **Goodrum, D.T.** The pneumatic tourniquet and deep venous thrombosis, **65B**, *336
Nalbandian, R.M. Reactive synovitis from particulate Silastic **65A**, 280(*correspondence*)
Synovial and osseous inflammation in failed silicone-rubber prostheses: a report of six cases, **65A**, 280(*correspondence*)
Nardi, J. *with others*. Malignant fibrous histiocytoma of bone at the site of a total hip arthroplasty, **66B**, *38
Nash, C.L. *with others*. Segmental spinal instrumentation in neuromuscular spinal deformities, **68B**, 680
Nash, C.L., Jr. *with others*. Postoperative neurological deficits in segmental spinal instrumentation: a study using spinal cord monitoring, **66A**, *1178
Nathan, H. *with* **Edelson, J.G.** *and* **Arensburg, B.** Diastematomyelia – the "double-barrelled" spine, **69B**, *188
with **Edelson, J.G.** Nerve root compression in spondylolysis and spondylolisthesis, **68B**, *596
Nather, A. *with* **Balasubramaniam, P.** *and* **Bose, K.** Fracture healing in a large avascular segment of bone, **67B**, 159
Naudé, M.C. *with* **Jonck, L.M.** The value of nylon cerclage fixation in the treatment of oblique/spiral fractures in long bones: an experimental assessment, **69B**, 682
Naver, L. *with* **Aalberg, J.R.** Rupture of the quadriceps tendon following dislocation of the patella: case report, **67A**, *324
Nayak, N. *with others*. Meniscal suturing by open and arthroscopic techniques—preliminary report, **67B**, 336
Naylor, A. Inflammatory lesions of the anterior annulus in low back pain syndrome, **67B**, 501(*discussion*)
Naylor, C.P.E. *with* **Rushton, N.** *and* **Dandy, D.J.** The clinical, arthroscopic and histological findings after replacement of the anterior cruciate ligament with carbon-fibre, **65B**, *308
Ndawula, A. Lukanga-, *see* Lukanga-Ndawula, A.
Neale, H.W. *with others*. Functional reconstruction of an extremity by free tissue transfer of the latissimus dorsi, **65A**, *729; **66A**, 806(*correspondence*)
Needs, C.J. *with others*. A critical review of 274 metacarpophalangeal arthroplasties, **66B**, 777
Neer, C.S., II Rotator cuff tears associated with os acromiale, **66A**, 1320(*correspondence*)
with **Craig, E.V.** *and* **Fukuda, H.** Cuff-tear arthropathy, **65A**, *1232; **66A**, 808(*correspondence*)
Neer, C.S., II. *with others*. Locked posterior dislocation of the shoulder, **69A**, *9
Neff, J. *with others*. Leiomyosarcoma of the saphenous vein: a case report and review of the literature, **69A**, *282
Neff, J.R. *with others*. Giant-cell tumor of bone in skeletally immature patients, **65A**, *486
with others. Parosteal osteosarcoma, **66B**, *313
with others. Surgical treatment of giant-cell tumor of the spine: the experience at the Istituto Ortopedico Rizzoli, **65A**, *1283
Neff, U. *with others*. Intercondylar fractures of the humerus: an operative approach, **67A**, *226
Neil, M. *with* **Citron, N.** Dorsal edge osteotomy of the proximal phalanx for hallux rigidus: long-term results, **69B**, *835
Neil, M.J. *with* **Conacher, C.** Bilateral delta phalanx of proximal phalanges of the great toes, **66B**, *77
with **Conacher, C.J.R.** Bilateral delta phalanx of the proximal phalanges of the great toes: a report on an affected family, **65B**, 673
Nelson, C. *Book reviews*, **67A**, 669
Nelson, C.L. *with* **Bowen, W.S.** Total hip arthroplasty in Jehovah's Witnesses without blood transfusion, **68A**, *350
with **Collins, D.N.** *and* **Garvin, K.L.** The use of the vastus lateralis flap in patients with intractable infection after resection arthroplasty following the use of a hip implant, **69A**, *510
Nelson, I.W. *with* **Jackson, A.M.** *and* **Thomas, N.P.** Lateral subluxation of the patella in extension, **67B**, 847
with others. Craniocervical instability treated by contoured loop fixation, **68B**, *173
Nelson, M.A. The long-term results of fusion *in situ* for severe spondylolisthesis, **65B**, 219(*discussion*)
with **Wynne, A.T.** *and* **Nordin, B.E.C.** Costo-iliac impingement syndrome, **67B**, *124
with others. Isokinetic muscle imbalance and knee-joint injuries: a prospective blind study, **66A**, *734
Nelson, N. Nerve-root decompression for spinal stenosis, **67B**, 151(*discussion*)
Nelson, O.A. *with* **Greer, R.B., III** Localization of osteoid-osteoma of the spine using computerized tomography: a case report, **65A**, *263
Nerot, C. *with* **Gerard, Y,** and **Schernburg, F.** Anatomical pathological and therapeutic investigation of fractures of the radial head in adults, **66B**, 141
Ness, A. *with* **Greenhill, B.J.** Evaluation of anatomical results in thoracolumbar fractures, **66B**, 294
Nettelblad, H. *with* **Randolph, M.A.** *and* **Weiland, A.J.** Free microvascular epiphyseal-plate transplantation: an experimental study in dogs, **66A**, *1421

Neumann, R. *with others.* Evaluation of the Noiles hinged knee prosthesis: a five-year study of seventeen knees, **68A**, *579
Nevalainen, T. *with* **Langenskiöld, A.** *and* **Videman, T.** The fate of fat transplants in operations for partial closure of the growth plate: clinical examples and an experimental study, **68B**, *234
Neviaser, R.J. *with* **Neviaser, T.J.** *and* **Ain, B.R.** Suprascapular nerve denervation secondary to attenuation by a ganglionic cyst, **68A**, *627
Neviaser, T.J. *with* **Ain, B.R.** *and* **Neviaser, R.J.** Suprascapular nerve denervation secondary to attenuation by a ganglionic cyst, **68A**, *627
Newberg, A. *with others.* Spine radiographs in patients with low-back pain: an epidemiological study in men, **66A**, *1048
Newberg, A.H. *Book reviews*, **69A**, 797
with others. Diseases of the hip: a comparative study of Japanese Oriental and American white patients, **67A**, *1376
Newbold, P. *with* **Nade, S.M.L.** Intra-articular pressure: what determines its level?, **65B**, 671
Newcomb, R. *with others.* The cervical disc syndrome: discographic assessment of the damaged cervical disc, **68B**, 335
Newman, A.H. *with others.* A controlled multicentre trial of the influence of axial micromovement on the healing of tibial diaphyseal fractures, **68B**, 498
Newman, E.F. Gallium-67 citrate scanning in orthopaedics, **65B**, 517
The result of a case control study of host defences in haematogenous osteomyelitis of childhood, **65B**, 520(*discussion*)
Newman, J.H. Discitis following lumbar surgery, **68B**, 159(*discussion*)
Fractures around knee prostheses, **69B**, 849
Functional cast-bracing for Colles' fractures: a comparison between Orthoplast cast-bracing and conventional plaster cast, **66B**, 286(*discussion*)
Supracondylar osteotomy for valgus arthritic knees, **67B**, 158(*discussion*)
The locked knee, **67B**, 488(*discussion*)
The real cost of joint replacement, **68B**, 160(*discussion*)
with **Broughton, N.S.** *and* **Baily, R.A.J.** Unicompartmental replacement and high tibial osteotomy for osteoarthritis of the knee: a comparative study after 5-10 years' follow-up, **68B**, *447
with **Cooke, P.H.** Femoral fractures in relation to cemented hip prostheses, **66B**, 278
with **Maurice, H.** *and* **Watt, I.** The use of bone scans in the assessment of the injured foot, **69B**, 159
with **Maurice, H.D.** *and* **Watt, I.** Bone scanning of the foot for unexplained pain, **69B**, *448
with others. A comparison of flexion and extension regimes after knee replacement, **67B**, 488
with others. Does a tourniquet affect antibiotic absorption in knee replacement?, **68B**, 160
with others. Tibial stress fracture in pyrophosphate arthropathy, **65B**, *474
Newman, N.M. *with* **Vaughan, P.A.** *and* **Rosman, M.A.** Results of long-term versus short-term intravenous antibiotic therapy in children with acute osteomyelitis, **69B**, 506
Newman, N.W. *with* **Ling, R.S.M.** Acetabular bone destruction related to non-steroidal anti-inflammatory drugs, **69B**, 508
Newman, P.H. Charles William Stewart French Manning, **65B**, 86(*obituary*)
Configuration of the laminae and the facet joints of the lumbar spine and their clinical significance in degenerative spondylolisthesis, **67B**, 500(*discussion*)
McKee–Farrar hip arthroplasty in Norwich: a long-term follow-up, **67B**, 497(*discussion*)
The role of vascularisation of ulnar nerve grafts in complete lesions of the brachial plexus, **67B**,494(*discussion*)
Newman, R. *with others.* Endometriosis in the biceps femoris: a case report and review of the literature, **69A**, *290
Newman, R.J. Excision of the distal ulna in patients with rheumatoid arthritis, **69B**, *203
Metabolic changes in muscle due to tourniquet ischaemia: a ^{31}P NMR study, **65B**, 658
Metabolic effects of tourniquet ischaemia studied by nuclear magnetic resonance spectroscopy, **66B**, *434
with **Curtis, G.W.D.** *and* **Slack, M.P.E.** The value of synovial fluid lactate determination in the rapid exclusion of septic arthritis, **66B**, 290
with **Duthie, R.B.** The measurement of tissue pH at calcifying fronts by ^{31}P NMR spectroscopy, **67B**, 154
with **Muirhead, A.** A safe and effective low pressure tourniquet: a prospective evaluation, **68B**, *625
with **Smith, R.** *and* **Radda, G.J.** Phosphorus nuclear magnetic resonance (^{31}P NMR) and hypophosphataemia, **65B**, 91
with **Stone, M.H.** *and* **Mukherjee, S.K.** Accelerated fracture union in association with severe head injury, **69B**, 493
Newport, M.L. *with others.* Threaded non-cemented acetabular components in difficult hip arthroplasties, **69B**, 508
Newton, H. *with others.* Markers of nutritional status in elderly females with fracture of the neck of the femur, **67B**, 160
Newton, P.O. *with others.* The biomechanical and morphological changes in the medial collateral ligament of the rabbit after immobilization and remobilization, **69A**, *1200
Ngoi, S.S. *with* **Satku, K.** *and* **Kumar, V.P.** Anterior cruciate ligament injuries: to counsel or to operate?, **68B**, *458
Nicastro, J.F. *with* **Haupt, H.A.** Probable stress fracture of the cuboid in an infant: a case report, **66A**, *1106
with others. Intraspinal pathways taken by sublaminar wires during removal: an experimental study, **68A**, *1206
Nicholas, J.A. *with* **Gleim, G.W.** Evaluation of the use of braces to prevent injury to the knee in collegiate football players, **69A**, 1468(*correspondence*)
Nicholson, O.R. Biologic fixation: preliminary experience with porous metal-coated total hip prosthesis, **67B**, 673(*discussion*)
Calf blood flow during total hip replacement surgery: preliminary observations, **65B**, 518(*discussion*)
Closed partial meniscectomy for mechanical symptoms: early results, **65B**, 517(*discussion*)
Primary total hip replacement for displaced intracapsular fractures of the femur, **66B**, 614
Results of the Magnusson-Stack procedure for recurrent dislocation of the shoulder, **65B**, 518(*discussion*)
School screening for scoliosis in New Zealand: a pilot study, **66B**, *612(*discussion*)
with **Ruff, S.J.** *and* **Taylor, T.K.F.** Eosinophilic granuloma of the spine, **66B**, 780
Nickel, V.L. Alonzo J. Neufeld, **67A**, 984(*obituary*)
with **Garfin, S.R.** *and* **Botte, M.J.** Complications in the use of the halo fixation device, **69A**, 954(*correspondence*)
with others. Complications in the use of the halo fixation device, **68A**, *320
Nicol, A.C. An experience of the signal arm (K-Y) nail, **67B**,147(*discussion*)
Functional stability of the knee following ligament reconstruction, **67B**, 152(*discussion*)
with **Souter, W.A.** *and* **Paul, J.P.** Anatomical trochlear stirrup arthroplasty of the rheumatoid elbow, **67B**, 676
with **Souter, W.A.** *and* **Paul, J.P.** Souter– Strathclyde arthroplasty of the rheumatoid elbow, **67B**, 154
with others. A new method of hip function measurement, **69B**, 498
Nicol, R.O. Fractures of the lateral condyle of the humerus in children, **67B**, 676(*discussion*)
Transient osteoporosis of the hip in children, **66B**, 612
with **Brougham, D.I.** Acquired valgus deformity of tibia in children, **68B**, 678
with **Brougham, D.I.** Valgus deformity after proximal tibial fractures in children, **69B**, *482(*brief report*)
with **Dingwall, I.M.** *and* **Heymen, G.F.** Chondrolysis in slipped upper femoral epiphysis in the New Zealand Polynesian, **68B**, 676
with **Gordon, R.G.** Anomalous extensor tendon transfer for ruptured extensor pollicis longus, **68B**, 674
with **Menelaus, M.B.** Correction of combined tibial torsion and valgus deformity of the foot, **65B**, *641
with **Menelaus, M.B.** Synovectomy of the knee in haemophilia, **68B**, 674
with **Scott, J.H.S.** Lytic spondylolysis: repair by wiring, **67B**, 673
Nicolau, P.J. *with* **Dickson, R.A.** Experimental nerve grafting: vascularisation and regeneration, **67B**, 319
Nicolet, F. *with* **Vichard, Ph.** *and* **Tropet, Y.** Muscle pedicle flap in the treatment and prevention of postoperative bone infection, **66B**, 146
Nicoll, J.J. *with others.* Prediction of fracture healing in the tibia by quantitative radionuclide imaging, **69B**, *441
Nicolopoulos, C.S. *with* **Burwell, R.G.** *and* **Webb, J.K.** Stature of girls with adolescent idiopathic scoliosis: the importance of pelvic height and its sexual dimorphism in health, **66B**, 289
Nicolopoulos, K.S. *with* **Burwell, R.G.** *and* **Webb, J.K.** Stature and its components in adolescent idiopathic scoliosis: cephalo-caudal disproportion in the trunk of girls, **67B**, *594
Nielsen, H.K.L. *with others.* Resection of a peri-acetabular chondrosarcoma and reconstruction of the pelvis, **67B**, *413
Nielsen, L.B. *with* **Hougaard, K.** *and* **Lindequist, S.** Computerised tomography after posterior dislocation of the hip, **69B**, *556
Niemann, K.M.W. *with others.* Arteriographic embolization for control of excessive blood loss complicating revision of total hip arthroplasty: a case report, **65A**, *848
Nilsson, B. *with others.* Operative versus non-operative treatment of recent injuries to the ligaments of the knee: a prospective randomized study, **69A**, *1120
Nilsson, O.S. *with others.* Bone repair induced by bone morphogenetic protein in ulnar defects in dogs, **68B**, *635
Ninomiya, S. *with* **Tagawa, H.** Rotational acetabular osteotomy for the dysplastic hip, **66A**, *430
Nishihara, N. *with others.* Surgical treatment of cervical spondylotic myelopathy complicating athetoid cerebral palsy, **66B**, *504
Nissen, K.I. *Book reviews*, **67B**, 519
A computerised study of high femoral fractures: initial results, **67B**, 147(*discussion*)
Fracture-separation of articular cartilage in the adult knee, **67B**, 158(*discussion*)
How does femoral osteotomy influence the natural history of Perthes' disease?, **68B**, 155(*discussion*)
Is carpal tunnel release always successful?, **65B**, 223(*discussion*)
John Crawford Adams and the *Journal*, **68B**, 1(*editorial*)

* Indicates full article or appreciable part

Nissen, K.I., (*continued*)
Morton's metatarsalgia: a retrospective and prospective study, **65B**, 221(*discussion*)
Supracondylar osteotomy for valgus arthritic knees, **67B**, 158(*discussion*)
The Oswestry experience with the ICLH double-cup arthroplasty, **68B**, 161(*discussion*)
The effects of peripheral electrical nerve stimulation on pain associated with osteoarthritis of the hip, **67B**, 152(*discussion*)
The measurement of tissue pH at calcifying fronts by ^{31}P NMR spectroscopy, **67B**, 154(*discussion*)
Nix, D.E. *with others*. Cephalosporins for prophylaxis in operative repair of femoral fractures: levels in serum, muscle and hematoma, **67A**, *921
with others. Cephalosporins for prophylaxis in operative repair of femoral fractures: levels in serum, muscle, and hematoma, **68A**, 313(*correspondence*)
Nixon, J.E. Does sublaminar wiring produce spinal stenosis?, **69B**, 853
Nixon, J.R. Revision of infected hip arthroplasty, **65B**, 225(*discussion*)
The outcome of infected arthroplasty of the knee, **68B**, 160(*discussion*)
with **Hamilton, A.** *and* **Davis, R.I.** Synovial chondrosarcoma complicating synovial chondromatosis: report of a case and review of the literature, **69A**, *1084
Noakes, T.D. *with* **Irving, G.A.** The protective role of local hypothermia in tourniquet-induced ischaemia of muscle, **67B**, *297
Noble, C.A. Tennis elbow, **67B**, 507(*discussion*)
Noble, H.B. *with* **Hajek, M.R.** Boutonnière-type deformity of the knee following patellectomy and manipulations: a case report, **66A**, *137
James K. Stack, **67A**, 344(*obituary*)
William A. Larmon, **67A**, 343(*obituary*)
Noble, J. *Book reviews*, **69B**, 514
with others. Rupture of the calcaneal tendon: the early and late management, **69B**, *416
Book reviews, **66B**, 155; **67B**, 165
A comparison of flexion and extension regimes after knee replacement, **67B**, 488(*discussion*)
Congenital absence of the anterior cruciate ligament, **67B**,846(*discussion*)
Femoral neck fractures: an "at risk" population, **67B**,495(*discussion*)
Significance of the immediate postoperative complications on the failure of the Geomedic knee replacement in patients with rheumatoid arthritis, **67B**, 489(*discussion*)
with **Alexander, K.** Studies of tibial subchondral bone density and its significance, **67A**, *295
with **Fahmy, N.R.M.** *and* **Barnes, K.L.** Combined intramedullary nailing and Charnley compression for difficult knee arthrodesis, **65B**, 224
with **Fahmy, N.R.M.** *and* **Barnes, K.L.** A technique for difficult arthrodesis of the knee, **66B**, *367
with **Fahmy, N.R.M.** *and* **Williams, E.A.** Meniscal pathology and osteoarthritis of the knee, **65B**, *24
with **Heathcote, J.G.** *and* **Cohen, H.** Diabetes mellitus in the aetiology of Dupuytren's disease, **66B**, *322
with **Simison, A.J.M.** *and* **Hardinge, K.** Complications of the Attenborough knee replacement, **68B**, *100
with others. Aetiological studies in Dupuytren's disease, **66B**, 288
with others. Chondrolysis mediated by non-invasive tissues in rheumatoid arthritis, **68B**, 840
with others. Conservative versus surgical treatment for Achilles tendon rupture, **66B**, 284
with others. Dislocations of the lunate with and without fracture of the scaphoid, **66B**, *391
with others. Is carpal tunnel release always successful?, **65B**, 222
with others. Leakage of radioactive particle systems from a synovial joint studied with a gamma camera: its application to radiation synovectomy, **65A**, *381
with others. Problems with the Attenborough knee prosthesis, **65B**, 226
with others. The results of early mobilisation of fractures of the neck of the fifth metacarpal, **67B**, 492
with others. To probe or not to probe, **68B**, 842
Noble, J.G. A review of 200 cases of sciatica treated with chymopapain, **69B**, 510
Noble, J.P. Meniscectomy in children, **67B**,847(*discussion*)
Nokes, L. *with others*. Assessment of fracture healing by vibration analysis, **66B**, 286
with others. The natural frequency of tibial fractures, **66B**, 287
Noll, B.J. *with* **Rossouw, P.** *and* **Ben-Itzhak, I.** A modified patellar realignment procedure for patellofemoral pain, **68B**, 504
Nomura, A.N. *with others*. Speculations on cerebral palsy, **66B**, 283
Nonnenmacher, J. *with* **Wagnon, J.** *and* **Kempf, I.** Dynamic pinning of the wrist: its limitations in the treatment of Colles' fractures, **66B**, 148
Norcross, K. The long-term results following conservative management of severely displaced fracture of the os calcis, **66B**, 286(*discussion*)
Nordby, E.J. *Book reviews*, **69A**, 797
Chymopapain in intradiscal therapy, **65A**, *1350(*current concepts review*); **66A**, 808(*correspondence*)
Nordin, B.E.C. *with* **Wynne, A.T.** *and* **Nelson, M.A.** Costo-iliac impingement syndrome, **67B**, *124
with others. Osteoporosis in the male, **65B**, 90
Nordström, R.E.A. *with others*. Familial spondylolisthesis of the axis vertebra, **68B**, *704
Nordstrom, T.J. *with others*. Successive bilateral total knee replacement, **67A**, *573
Noriega, L.K. *with others*. Nitrogen-gas injection from a power reamer: a complication of closed intramedullary nailing of the femur: technical note, **65A**, *860
Noronha, M.J. *with others*. Scoliosis and other orthopaedic problems in Duchenne muscular dystrophy: a review of 82 cases, **65B**, 221
Norris, R. *with others*. Delayed paraplegia complicating sublaminar segmental spinal instrumentation, **68A**, *556
with others. Fractures of the femoral shaft treated by external fixation with the Wagner device, **66A**, *360
Norris, S.H. *with* **Carr, A.J.** Microvascular anatomy of calcaneal tendon, **69B**, 679
with **Laurence, A.S.** *and* **Rowley, D.I.** The use of myoglobin assay to detect tourniquet ischaemia, **67B**, 160
with **Rowley, D.I.** *and* **Duckworth, T.** Ankle fractures: should we operate or not?, **66B**, 144
with **Rowley, D.I.** *and* **Duckworth, T.** A simple method of gait analysis for the assessment of ankle fractures, **65B**, 366
with **Rowley, D.I.** *and* **Duckworth, T.** A prospective trial comparing operative and manipulative treatment of ankle fractures, **68B**, *610
with **Watt, I.** The prognosis of neck injuries resulting from rear-end vehicle collisions, **65B**, *608
with others. Functional bracing: an alternative treatment for periarticular fractures of the proximal tibia, **67B**, 145
North, E.R. *with* **Wolfe, M.S.** Extravasation of injected calcium solution leading to calcifications in the upper extremity of the neonate: report of a case, **65A**, *558
North, J.B. Dynamic tendon transfer for chronic lateral ankle joint instability, **68B**, 332
Northmore-Ball, M.D. *with* **Dandy, D.J.** *and* **Jackson, R.W.** Arthroscopic, open partial, and total meniscectomy: a comparative study, **65B**, *400
Norwood, L.A. *with* **Baker, C.L., Jr.** *and* **Hughston, J.C.** Acute posterolateral rotatory instability of the knee, **65A**, *614
Nott, L. *with* **Rorabeck, C.H.** *and* **Bourne, R.B.** Cemented vs non-cemented total hips: a preliminary report, **69B**, 508
with **Rorabeck, C.H.** *and* **Fowler, P.J.** The results of fasciotomy in the management of chronic exertional compartment syndrome, **69B**, 502
with others. A prospective comparison of the cemented Kinematic II and cementless PCA total knee replacements, **69B**, 505
Nottingham, P. *with others*. Results of core decompression for femoral head osteonecrosis, **67B**, 329
Novembri, A. *with others*. Scheuermann's disease and lumbar disc disorder, **65B**, 669
Novenbri, A. *with others*. The long-term results of wedge and compression fractures of the dorsolumbar spine without neurological involvement, **68B**, 334
Noyes, F.R. *with others*. Biomechanical analysis of human ligament grafts used in knee-ligament repairs and reconstructions, **66A**, *344
with others. Biomechanics of the knee-extension exercise: effect of cutting the anterior cruciate ligament, **66A**, *725
with others. The symptomatic anterior cruciate-deficient knee: part I: the long-term functional disability in athletically active individuals, **65A**, *154
with others. The symptomatic anterior cruciate-deficient knee: part II: the results of rehabilitation, activity modification and counselling on functional disability, **65A**, *163
Nunley, J.A. *with* **Richards, R.R.** *and* **Urbaniak, J.R.** Twenty-one severe open tibial fractures treated by free tissue transfer, **68B**, 850
with **Richards, R.R.** *and* **Urbaniak, J.R.** The result of free tissue transfer in the management of lower extremity trauma, **67B**, 335
with others. Single finger replantation, **67B**, 330
with others. The results of replantation after amputation of a single finger, **67A**, *611
Nunn, A.J. *with others*. Bone and joint tuberculosis, **66B**, *326
Nunn, D. The Ring uncemented polyethylene cup in the abnormal acetabulum, **69B**, *756
Nutton, R.W. The effects of changing blood flow and new bone formation on the uptake of technetium-99m hydroxy methylene diphosphonate (^{99m}Tc-HMDP) in healing bone, **67B**, 846
with **Checketts, R.G.** The effects of trochanteric osteotomy on abductor power, **66B**, *180
with **Fitzgerald, R.H., Jr.** *and* **Kelly, P.J.** Early dynamic bone-imaging as an indicator of osseous blood flow and factors affecting the uptake of ^{99m}Tc hydroxymethylene diphosphonate in healing bone, **67A**, *763
with **Fitzgerald, R.H.,Jr.** *and* **Kelly, P.J.** Early dynamic bone-imaging as an indicator of osseous blood flow and factors affecting the uptake of ^{99m}Tc hydroxymethylene diphosphonate in healing bone, **68A**, 789(*correspondence*)
with **Pooley, J.** The demonstration of bone circulation in the rabbit by autoradiography of radioactive labelled microspheres, **69B**, 494
with **Stothard, J.** Acute calcific supraspinatus tendinitis in a three-year-old child, **69B**, *148(*brief report*)
Nuzzo, R.M. The association of femoral retroversion with slipped capital femoral epiphysis, **69A**, 631(*correspondence*)
Nygaard, H. *with* **Falkenberg, P.** Isolated anterior dislocation of the proximal tibiofibular joint, **65B**, *310

O

Oakeshott, R. *with others.* Bone resorption in the presence of polyethylene wear particles, **69B**, 165

O'Brien, B. McC. *with* **Dooley, B.J.** *and* **Lawlor, D.L.** Microvascular osteocutaneous transfer using the groin flap and iliac crest to replace severe traumatic loss of skin and bone in the extremities, **65B**, 96

O'Brien, B.McC. *with others.* Cortical bone grafts with muscle pedicles: an experimental study of survival and ability to bridge a bone gap, **67B**, *804

O'Brien, J.F. *with others.* The rib deformity in adolescent idiopathic scoliosis: a prospective study to evaluate changes after Harrington distraction and posterior fusion, **69B**, *179

O'Brien, J.P. *Book reviews*, **65B**, 679

with **McCall, I.W.** *and* **Speck, G.R.** Terminology and measurement of spondylolisthesis, **66A**, 631(*correspondence*)

with **Speck, G.** Simultaneous combined anterior and posterior fusion of the lumbar spine, **69B**, 164

with **Weatherley, C.R.** *and* **Jaffray, D.** Radical excision of an osteoblastoma of the cervical spine: a combined anterior and posterior approach, **68B**, *325

with **Weatherley, C.R.** *and* **Prickett, C.F.** Discogenic pain persisting despite solid posterior fusion, **68B**, *142

with others. Inflammatory lesions of the anterior annulus in low back pain syndrome, **67B**, 500

with others. Proteoglycan synthesis rates in the intervertebral disc, **67B**, 843

with others. The rib deformity in adolescent idiopathic scoliosis: a prospective study to evaluate changes after Harrington distraction and posterior fusion, **69B**, *179

with others. The rib hump in adolescent idiopathic scoliosis, **68B**, 159, 512(*corrigendum*)

O'Brien, T. Growth-disturbance lines in congenital dislocation of the hip, **67A**, *626

The needle test for complete rupture of the Achilles tendon, **66A**, *1099

with **Millis, M.B.** *and* **Griffin, P.P.** The early identification and classification of growth disturbances of the proximal end of the femur, **68A**, *970

O'Brien, T.M. A comparison of conventional radiography and computed tomography in the evaluation of spiral fractures of the tibia, **68A**, 791(*correspondence*)

with **Millis, M.B.** *and* **Griffin, P.P.** The early identification and classification of growth abnormalities of the proximal femur following treatment for congenital dislocation of the hip, **68B**, 668

with others. Femoral anteversion: a clinical assessment of idiopathic intoeing gait in children, **69B**, *75

Ochs, C.W. *with* **Garth, W.P., Jr.** *and* **Slappey, C.E.** Roentgenographic demonstration of instability of the shoulder: the apical oblique projection: a technical note, **66A**, *1450

O'Connor, B.L. *with* **Palmoski, M.J.** *and* **Brandt, K.D.** Neurogenic acceleration of degenerative joint lesions, **67A**, *562

O'Connor, B.T. *Book reviews*, **65B**, 107

with others. The Oswestry experience with the ICLH double-cup arthroplasty, **68B**, 160

O'Connor, J. *with others.* The application of controlled intermittent cyclical loading in the acceleration of fracture healing, **65B**, 364

O'Connor, J.F. *Book reviews*, **65A**, 717; **66A**, 1326

O'Connor, J.J. *with* **Bradley, J.** *and* **Goodfellow, J.W.** A radiographic study of bearing movement in unicompartmental Oxford knee replacements, **69B**, *598

O'Connor, T. *with others.* An epidemiological study of acute prolapsed cervical intervertebral disc, **66A**, *907

Odendaal, T. Knee ligament injuries, **66B**, 449(*discussion*)

Management of pressure sores in paraplegics by muscle belly pedicle graft and split skin graft, **67B**, 507(*discussion*)

Odensten, M. *with* **Gillquist, J.** Functional anatomy of the anterior cruciate ligament and a rationale for reconstruction, **67A**, *257

O'Doherty, D.P. *with* **Lowrie, I.G.** *and* **Gregg, P.J.** Caisson disease of the talus, **69B**, *847(*brief report*)

with others. Changes in sesamoid position after surgery for hallux rigidus and valgus, **69B**, 158

O'Driscoll, S.W. *with* **Keeley, F.W.** *and* **Salter, R.B.** The chondrogenic potential of free autogenous periosteal grafts for biological resurfacing of major full-thickness defects in joint surfaces under the influence of continuous passive motion: an experimental investigation in the rabbit, **68A**, *1017

with **Salter, R.B.** The induction of neochondrogenesis in free intra-articular periosteal autografts under the influence of continuous passive motion: an experimental investigation in the rabbit, **66A**, *1248

Oegema, T.R., Jr. *with* **Bradford, D.S.** *and* **Cooper, K.M.** Chymopapain, chemonucleolysis, and nucleus pulposus regeneration, **65A**, *1220

with others. The effects of indirect blunt trauma on adult canine articular cartilage, **65A**, *948

Oestreich, A.E. *Book reviews*, **69A**, 637

O'Garra, J.A. Arthrography of the shoulder following surgical repair of the rotator cuff, **65B**, 219(*discussion*)

Ogata, K. *with* **Schoenecker, P.L.** *and* **Lesker, P.A.** A dynamic canine model of experimental hip dysplasia: gross and histological pathology, and the effect of position of immobilization on capital femoral epiphyseal blood flow, **66A**, *1281

Ogata, M. *with* **Ishikawa, K.** *and* **Ohira, T.** Cervical myelopathy in pseudogout: case report, **66A**, *1301

with others. Operations for cervical spondylotic myelopathy: a comparison of the results of anterior and posterior procedures, **67B**, *609

Ogden, J.A. The evaluation and treatment of partial physeal arrest, **69A**, *1297(*current concepts review*)

Treatment concepts for proximal femoral ischemic necrosis complicating congenital hip disease, **65A**, 1029(*correspondence*)

with **Clark, C.R.** Development of the menisci of the human knee joint: morphological changes and their potential role in childhood meniscal injury, **65A**, *538

with **Grogan, D.D.** The Thurstan Holland fragment, **67A**, 980(*correspondence*)

Ogilvie, C. *with* **Sharrard, W.J.W.** Hemitransplantation of the tendo calcaneus in children with spinal neurological disorders, **68B**, *767

Ogilvie, D.J. *with others.* The application of molecular genetic techniques to the study of achondroplasia, **68B**, 495

Ogilvie-Harris, D.J. *with* **Bauer, M.** *and* **Corey, P.** Prostaglandin inhibition and the rate of recovery after arthroscopic meniscectomy: a randomised double-blind prospective study, **67B**, *567

with **Jackson, R.W.** The arthroscopic treatment of chondromalacia patellae, **66B**, *660

with **Jackson, R.W.** The role of arthroscopic surgery in the management of chondromalacia patellae, **66B**, 304

with **Roscoe, M.** Reflex sympathetic dystrophy of the knee, **69B**, *804

with **Wiley, A.M.** Arthroscopic surgery of the shoulder: a general appraisal, **68B**, *201

Ogimi, T. *with others.* Sternocostoclavicular hyperostosis: a report of nineteen cases, with special reference to etiology and treatment, **68A**, *103

Oglesby, J.W. *with* **Taft, T.N.** *and* **Wilson, F.C.** Dislocation of the acromioclavicular joint: an end-result study, **69A**, *1045

Oh, I. *with* **Bourne, R.B.** *and* **Harris, W.H.** The femoral cement compactor: an improvement in cementing technique in total hip replacement, **65A**, *1335

Oh-Hama, M. *with* **Kimura, I.** *and* **Shingu, H.** Cervical myelopathy treated by canal-expansive laminaplasty: computed tomographic and myelographic findings, **66A**, *914

O'Hara, J.N. *with* **Bernard, A.A.** *and* **Dwyer, N.St.J.P.** Congenital dislocation of the hip: open reduction by the medial approach in infancy, **68B**, 668

O'Hara, R.C. *with others.* Ankle and knee position as a factor modifying intracompartmental pressure in the human leg, **66A**, *1415

Ohira, T. *with* **Ishikawa, K.** Hydroxyapatite deposition in articular cartilage by intra-articular injections of methylprednisolone: a histological, ultrastructural and x-ray-microprobe analysis in rabbits, **68A**, *509

with **Ogata, M.** *and* **Ishikawa, K.** Cervical myelopathy in pseudogout: case report, **66A**, *1301

Ohlin, P. *with others.* Pre-operative and postoperative scintimetry after femoral neck fracture, **66B**, *49

Ohno, O. *with* **Ishikawa, H.** *and* **Hirohata, K.** Long-term results of synovectomy in rheumatoid patients, **68A**, *198

with others. Arthritis presumably caused by chlamydia in Reiter syndrome: case report with electron microscopic studies, **68A**, *777

Ohri, A. *with others.* Two-level fracture of the cervical spine in a young child: a case report with operative treatment, **65A**, *119

Ohtani, T. *with* **Araki, S.** *and* **Tanaka, T.** Acute dislocation of the extensor digitorum communis tendon at the metacarpophalangeal joint: a report of five cases, **69A**, *616

Ohzono, K. *with others.* The osteoblastic response to osteoarthritis of the hip: its influence on the long-term results of arthroplasty, **69B**, *746

Okada, K. *with others.* Cervical diastematomyelia with a stable neurological deficit: report of a case, **68A**, *934

with others. Cervical radiculopathy or myelopathy secondary to athetoid cerebral palsy, **69A**, *815

Okoye, M.I. *with* **Callahan, D.J.** *and* **Walter, N.E.** Florid reactive periostitis of the proximal phalanx: case report, **67A**, *968

Okubo, K. *with others.* Inflammatory lesions of the anterior annulus in low back pain syndrome, **67B**, 500

Older, J. *with* **da Palma, I.** Ambulatory day case arthroscopy: first three years' experience of day case arthroscopy in the diagnosis and management of disorders of the knee joint, **68B**, 159

Older, M.W.J. A ten to twelve-year follow-up study of Charnley arthroplasty of the hip, **66B**, 299

with **Hanspal, R.S.** *and* **Cardoso, T.P.** The medial shelf: an anatomical, clinical and pathological study, **66B**, 280

Oldfield, D. *with others.* Infection about the spine associated with low-velocity-missile injury to the abdomen, **67A**, *1195

Oldhoff, J. *with others.* Resection of a peri-acetabular chondrosarcoma and reconstruction of the pelvis, **67B**, *413

Olerud, S. *with* **Karlström, G.** Recurrent dislocation after total hip replacement: treatment by fixing an additional sector to the acetabular component, **67B**,*402
with **Henriksson, T-G.** *and* **Engkvist, O.** A free vascularized fibular graft in lengthening of the humerus with the Wagner apparatus: report of a case in a twenty-year-old man, **65A**, *111
with **Wallenstein, R.** *and* **Olsson, E.** Muscle strength after bilateral femoral osteotomy: a case report, **66A**, *792
Olin, A. *with* **Creasman, C.** *and* **Shapiro, F.** Free physeal transplantation in the rabbit: an experimental approach to focal lesions, **66A**, *7
Olney, B.W. *with* **Asher, M.A.** Excision of symptomatic coalition of the middle facet of the talocalcaneal joint, **69A**, *539, 1111(*erratum*)
Olsen, N.J. *with* **Ejsted, R.** *and* **Krogh, P.** St Georg modular knee prosthesis: a two-and-a-half to six-year follow-up, **68B**, *787
with **Ejsted, R.** Revision of failed total hip arthroplasty, **69B**, *57
Olson, J. *with* **Asher, M.** Factors affecting the ambulatory status of patients with spina bifida cystica, **65A**, *350
Olson, S.A. *with* **Gaines, R.W., Jr.** Removal of sublaminar wires after spinal fusion, **69A**, *1419
Olsson, E. *with* **Olerud, S.** *and* **Wallenstein, R.** Muscle strength after bilateral femoral osteotomy: a case report, **66A**, *792
Olsthoorn, P.G.M. *with others*. Hepatitis B antigen in joint irrigation fluid: a hazard for hospital personnel, **69B**, *662
Olweny, C.L.M. *with others*. Burkitt's lymphoma in the appendicular skeleton, **65B**, *464
Omer, G.E., Jr. *Book reviews*, **66A**, 1150
Orthopaedics in 1921-1953: advances and current problems, **69A**, 1262
with **Cleary, J.E.** Congenital proximal radio-ulnar synostosis: natural history and functional assessment, **67A**, *539
with **Marcus, N.A.** Carpal deviation in congenital ulnar deficiency, **66A**, *1003
O'Neill, D.A. *with* **Harris, W.H.** Failed total hip replacement: assessment by plain radiographs, arthrograms, and aspiration of the hip joint, **66A**, *540
with others. The synovial-like membrane at the bone-cement interface in loose total hip replacements and its proposed role in bone lysis, **65A**, *575
O'Neill, W.M., Jr. *with others*. Bilateral sequential tibial and fibular fatigue fractures associated with aluminum intoxication osteomalacia: a case report, **65A**, *843
Oni, O.O.A. Early dynamic bone-imaging as an indicator of osseous blood flow and factors affecting the uptake of ^{99m}Tc hydroxymethylene diphosphonate in healing bone, **68A**, 789(*correspondence*)
Mechanisms of cancer metastasis to bone, **69A**, 309(*correspondence*)
with **Stafford, H.** *and* **Gregg, P.J.** Soft-tissue damage following tibial shaft fractures: an experimental study, **69B**, 495
with **Mackenney, R.P.** The Cincinnati incision: a comprehensive approach for surgical procedures of the foot and ankle in childhood, **66A**, 313(*correspondence*)
with **Mackenney, R.P.** Total knee replacement in patients with Parkinson's disease, **67B**, *424
Önnerfält, R. *with* **Rydholm, A.** *and* **Mjöberg, B.** Total hip arthroplasty with a low-modulus porous-coated femoral component: progress report, **67A**, 1142(*correspondence*)
with others. Mechanical loosening of total hip prostheses: a radiographic and roentgen stereophotogrammetric study, **68B**, *770
Ono, K. *with* **Saito, S.** *and* **Inoue, A.** Intramedullary haemorrhage as a possible cause of avascular necrosis of the femoral head: the histology of 16 femoral heads at the silent stage, **69B**, *346
with others. Cervical radiculopathy or myelopathy secondary to athetoid cerebral palsy, **69A**, *815
with **Saito, S.** *and* **Takaoka, K.** Tectoplasty for painful dislocation or subluxation of the hip: long-term evaluation of a new acetabuloplasty, **68B**, *55
with others. Cervical diastematomyelia with a stable neurological deficit: report of a case, **68A**, *934
with others. Measurement of anterior instability of the knee: a new apparatus for clinical testing, **69B**, *608
with others. Myelopathy hand: new clinical signs of cervical cord damage, **69B**, *215, 511(*corrigendum*)
with others. Reconstruction of the anterior cruciate ligament by allogenic tendon graft: an operation for chronic ligamentous insufficiency, **68B**, *739
with others. Replacement of the anterior cruciate ligament by an allogeneic tendon graft, **66B**, *672
with others. The osteoblastic response to osteoarthritis of the hip: its influence on the long-term results of arthroplasty, **69B**, *746
Opdecam, P. *with* **Casteleyn, P.P.** Perforation of the external iliac artery and ureter presenting as acute hemorrhagic cystitis after total hip replacement: report of a case, **69A**, 1304(*correspondence*)
with **de Boeck, H.** *and* **Casteleyn, P.P.** Fracture of the medial humeral condyle: report of a case in an infant, **69A**, *1442
Oppenheim, W.L. *with others*. Muscular torticollis: a modified surgical approach, **65A**, *894
Oreck, S.L. *with* **Burgess, A.** *and* **Levine, A.M.** Traumatic lateral displacement of the scapula: a radiographic sign of neurovascular disruption, **66A**, *758
Orenstein, E. *with* **Dvonch, V.** *and* **Demos, T.** Acute traumatic bowing of the tibia without fracture: case report, **67A**, *965
Oretorp, N. Results of intra-articular anterior cruciate ligament reconstruction using patellar ligament, **66B**, 788(*discussion*)
O'Riordan, J.L.H. *with others*. Antibodies against vitamin D derivatives: development of a solid-phase radio-immunoassay for 1,25-dihydroxycholecalciferol, **65B**, 91
O'Riordan, S.M. *with others*. A new unconstrained elbow: a prospective review of 60 replacements, **68B**, *566
Orlando, C.A. *with others*. The biomechanical and morphological changes in the medial collateral ligament of the rabbit after immobilization and remobilization, **69A**, *1200
Orloff, S. *with* **Hauzeur, J.Ph.** *and* **Pasteels, J.L.** Bilateral non-traumatic aseptic osteonecrosis in the femoral head: an experimental study of incidence, **69A**, *1221
Orlowski, J.P. *with others*. The syndrome of inappropriate antidiuretic-hormone secretion following spinal fusion, **68A**, *720
Ornstein, D. *with* **Schurman, D.J.** *and* **Parker, J.N.** Total condylar knee replacement: a study of factors influencing range of motion as late as two years after arthroplasty, **67A**, *1006
O'Rourke, K. Inflammatory lesions of the anterior annulus in low back pain syndrome, **67B**, 501(*discussion*)
with **Sheehan, J.M.** The Sheehan knee arthroplasty: long-term results, **69B**, 488
Orr, R.B. *with others*. Architectural changes in the proximal femur following prosthetic insertion, **65B**, 91
Orrell, K. *with others*. Closed versus open nailing of femurs, **68B**, 849
Orsini, E.C. *with others*. Cardiopulmonary function and pulmonary microemboli during arthroplasty using cemented or non-cemented components: the role of intramedullary pressure, **69A**, *822
Orst, G. *with others*. The Bankart procedure; its reliability among sportsmen, **66B**, 140
Ortman, B.L. *with* **Pack, L.L.** Aseptic loosening of a total hip prosthesis secondary to tophaceous gout: a case report, **69A**, *1096
Osborne, A.H. *with* **Farquharson-Roberts, M.A.** Partial rupture of the anterior cruciate ligament of the knee, **65B**, *32
Osborne, G.V. Diagnostic criteria for nerve root involvement in backache, **65B**, 223(*discussion*)
Inflammatory lesions of the anterior annulus in low back pain syndrome, **67B**, 501(*discussion*)
Morton's metatarsalgia: a retrospective and prospective study, **65B**, 220(*discussion*)
The Trendelenburg test after differing approaches to the hip joint, **67B**, 498(*discussion*)
Osier, L.K. *with others*. Evaluation of Gaucher disease using magnetic resonance imaging, **68A**, *802
Osmond, J.D. Anterior spinal cord decompression in kyphosis with particular reference to healed tuberculosis, **66B**, 455 (*discussion*)
Arthrodesis of the hip: experience with the Schneider Cobra-head plate, **67B**, 502(*discussion*)
Dislocation of the hip in cerebral palsy: management in children with total body involvement, **66B**, 451(*discussion*)
Preliminary report on carbon fibre implants for ligamentous injuries of the knee, **66B**, 454(*discussion*)
Stress fractures of the tibia: diagnostic pitfalls in children, **66B**, 450(*discussion*)
Supracondylar, transcondylar and intercondylar fractures of the distal humerus in adults, **67B**, 504(*discussion*)
The assessment of pre-operative plantar pressure profiles in patients with hallux valgus, **66B**, 458 (*discussion*)
Osmond-Clarke, H. 100th Birthday Tribute to Sir Harry Platt, **68B**, 692
Osterkamp, J.A. *with others*. Congenital annular bands in identical twins: a case report, **66A**, *450
Osterman, H. *with others*. Amputations at the middle level of the foot: a retrospective and prospective review, **68A**, *1061
Ostfeld, A.M. *with others*. An epidemiological study of acute prolapsed cervical intervertebral disc, **66A**, *907
Osti, O. *with* **Fraser, R.D.** *and* **Cornish, B.L.** Fractures and fracture-dislocations in the lumbar spine: a long-term follow-up, **68B**, 334
with **Fraser, R.D.** *and* **Vernon-Roberts, B.** An experimental study on discitis following discography, **68B**, 335
with others. Reduction and stabilisation of cervical dislocations: a comparison of postural nursing with coronal dowel fusion, **69B**, 164
Osti, O.L. *with* **Fraser, R.D.** *and* **Vernon-Roberts, B.** Discitis after discography, **69B**, *26
Ostri, P. *with others*. Prophylactic antibiotics in amputation of the lower extremity for ischemia: a placebo-controlled, randomized trial of cefoxitin, **67A**, *800
Otis, J.B. *with* **Anastasiades, K.D.** *and* **Campbell, W.G., Jr.** Vertebral malacoplakia: a case report, **69A**, *458
Otis, J.C. *with* **Gould, J.D.** The effect of external load on torque production by knee extensors, **68A**, *65
with **Lane, J.M.** *and* **Kroll, M.A.** Energy cost during gait in osteosarcoma patients after resection and knee replacement and after above-the-knee amputation, **67A**, *606
Otremski, I. *with others*. Residual abduction of the forefoot: a review of the Turco procedure for congenital club foot, **69B**, *832

Outerbridge, H.K. *with* **Wedge, J.H.** Spondylopatellar arthropathy: an unrecognised cause of patellar chondromalacia and instability, **65B**, 102
Ouzounian, T. *with others.* The grid radiograph: a simple technique for consistent high-resolution visualization of the hip, **68A**, *1052
Ovadia, D.N. *with* **Beals, R.K.** Fractures of the tibial plafond, **68A**, *543
with others. Acute compartment syndrome in the thigh complicating fracture of the femur: a report of three cases, **68A**, *1439
Owen, J. *with* **Yong-Hing, K.** *and* **Howlett, E.** Child-operated motorcycle accidents: pattern, severity and sequelae of injuries, **68B**, 854
Owen, J.R. *with* **Angus, P.D.** *and* **Marks, H.** Deformity and immobility during growth: their effect on the muscle fibre, **68B**, 496
Owen, R. Bi-planar spinal asymmetry: the pathogenesis of idiopathic scoliosis, **66B**, 143(*discussion*)
Excision spinal osteotomy for kyphosis in myelomeningocele, **68B**, 159(*discussion*)
Free vascularised fibular graft in the treatment of congenital pseudarthrosis of tibia, **67B**, 490(*discussion*)
Non-accidental injury as a cause of femoral fractures in childhood, **68B**, 156(*discussion*)
One-stage transoral anterior decompression and posterior stabilisation in cervical myelopathy complicating rheumatoid arthritis, **67B**, 499(*discussion*)
Osteoid osteoma and osteoblastoma of the spine, **66B**, 277(*discussion*)
Osteolysis caused by mammary carcinoma: the response to diphosphonates and prostaglandin inhibitors, **65B**, 222(*discussion*)
Scoliosis: school screening, **67B**, 486
with others. Juvenile idiopathic scoliosis in Merseyside, **69B**, 851
with others. Preliminary costectomy in posterior corrective surgery for scoliosis, **67B**, 491
Spinal stabilisation in secondary malignancy, **65B**, 224(*discussion*)
The long-term results of fusion *in situ* for severe spondylolisthesis, **65B**, 219(*discussion*)
The rib hump in adolescent idiopathic scoliosis, **68B**, 159(*discussion*), 512(*corrigendum*)
Touraine–Solante–Golé syndrome, **67B**, 150(*discussion*)
with **Anderton, J.M.** Absence of the pituitary gland in a case of congenital sacral agenesis, **65B**, *182
with **Malhotra, D.** *and* **Puri, R.** Valgus deformity of the ankle in children with spina bifida aperta, **66B**, *381
with **Redfern, T.R.** The transverse posterior approach to the neck, **67B**, *616
with **Turner, A.** *and* **Edwards, R.T.H.** Stiff men, wax dolls and tin soldiers: a diagnostic and therapeutic dilemma, **68B**, 162
with others. Costectomy as the first stage of surgery for scoliosis, **68B**, *91
with others. School screening for scoliosis in Liverpool, England, and Jeddah, Saudi Arabia: a comparison of methods, **69B**, 851
with **Walsh, H.P.J.** *and* **McLaren, C.A.N.** Galeazzi fractures in children, **69B**, *730
with others. Urinary retention in men after total hip arthroplasty, **68A**, *1435
Owor, R. *with others.* Burkitt's lymphoma in the appendicular skeleton, **65B**, *464
Ozanne, N. *with others.* Acute septic arthritis: what is the outcome?, **68B**, 333
Ozonoff, M.B. *with* **Pelker, R.R.** *and* **Drennan, J.C.** Juvenile synovial chondromatosis of the hip: a case report, **65A**, *552

P

Pack, L.L. *with* **Ortman, B.L.** Aseptic loosening of a total hip prosthesis secondary to tophaceous gout: a case report, **69A**, *1096
Packer, N.P. *with* **Fiddian, N.J.** *and* **Kavanagh, T.G.** Arthrodesis of the hip in adolescents and young adults: a long-term functional review, **67B**, 497
with others. Arthrography of the shoulder following surgical repair of the rotator cuff, **65B**, 219
with others. Arthrography of the shoulder after operative repair of the torn rotator cuff, **68B**, *147
with others. Operative treatment of chronic ruptures of the rotator cuff of the shoulder, **65B**, *171
Packham, D. *with others.* Hyperparathyroidism and bone marrow changes, **65B**, 93
Paes, T. *with others.* Heparin and dihydroergotamine prophylaxis against thrombo-embolism after hip arthroplasty, **67B**, *538
Page Thomas, D.P. *with others.* Thermographic diagnosis in athletes with patellofemoral arthralgia, **68B**, *42
Page, C.P. *with* **Dickhaut, S.C.** *and* **DeLee, J.C.** Nutritional status: importance in predicting wound-healing after amputation, **66A**, *71
Page, J.M. *with* **Garneau, J.** New concept in total arthroplasty of the trapezium, **66B**, 297
Paget, S. *with* **Pellicci, P.M.** *and* **Tsairis, P.** Post-anesthetic myoglobinuria with acute renal failure (normothermic malignant hyperthermia): a case report, **65A**, *413
Pagliarulo, C. *with* **Springfield, D.S.** Fractures of long bones previously treated for Ewing's sarcoma, **67A**, *477
Pahud, B. *with* **Vasey, H.** Delayed internal fixation of femoral shaft fractures – is there an advantage?: a review of 320 fractures, **69B**, *391
Paice, E.W. *with* **Tookman, A.G.** *and* **White, A.G.** Idiopathic multicentric osteolysis with acro-osteolysis: a case report, **67B**, *86
Painter, D.M. *with* **McGuigan, L.E.** *and* **Edmonds, J.P.** Pubic osteolysis, **66A**, *127
Pairolero, P.C. *with others.* Knee dislocations: current concepts in treatment, **68B**, 854
Palande, D.D. Correction of intrinsic-minus hands associated with reversal of the transverse metacarpal arch, **65A**, *514
Paley, D. Leiomyomatosis metastasizing to the spine: a case report, **66A**, 630(*correspondence*)
with **McMurtry, R.Y.** *and* **Marks, P.** Swanson ulnar head replacement, **69B**, 501
with others. False aneurysm in a Charcot hip: report of a case, **68A**, *462
with others. The functional relation between the two bands of the anterior cruciate ligament, and the pivot shaft, Lachman and anterior drawer signs, **68B**, 847
Palmer, A.K. *with* **Drewniany, J.J.** Isolated, complete radial dislocation of the scaphoid: a case report and review of the literature, **65A**, 871(*correspondence*)
with **Mino, D.E.** *and* **Levinsohn, E.M.** Radiography and computerized tomography in the diagnosis of incongruity of the distal radio-ulnar joint: a prospective study, **67A**, *247
Palmer, N.R. Forefoot arthroplasty: a late review, **68B**, 679
with **Horne, J.G.** *and* **Harper, G.** The role of computer-assisted tomography in the assessment of spinal fractures, **65B**, 520
Palmer, S.B. *with* **Langton, C.M.** *and* **Porter, R.W.** Measurement of bone mineral content by broad-band ultrasonic attenuation, **66B**, 287
Palmoski, M.J. *with* **O'Connor, B.L.** *and* **Brandt, K.D.** Neurogenic acceleration of degenerative joint lesions, **67A**, *562
Panda, D. *with* **Rao, P.T.** Posterior tibial neurovascular decompression in plantar ulcers in leprosy, **67B**, 497
Pang, D.K. *with* **Day, A.T.** *and* **Baird, R.A.** Use of the Broviac central venous catheter for intravenous antibiotic therapy in the orthopaedic patient, **67A**, *1108
Panhans, Ch. *with others.* Direct nerve stimulation for painful peripheral neuropathies, **67B**, *470
Panjabi, M.M. *with* **Clark, C.R.** *and* **Keggi, K.J.** Methylmethacrylate stabilization of the cervical spine, **66A**, *40
with others. In vivo measurements of spinal column vibrations, **68A**, *695
with others. In vivo measurements of spinal column vibrations, **69A**, 634(*correspondence*)
Pankovich, A.M. *Book reviews*, **67A**, 1455
with **Hall, R.F., Jr.** Ender nailing of acute fractures of the humerus: a study of closed fixation by intramedullary nails without reaming, **69A**, *558
with others. *Pseudomonas aeruginosa* bone and joint infection in drug abusers, **65A**, *829
with others. The isolated fracture of the ulnar shaft: treatment without immobilization, **65A**, *339
Panting, A.L. Anatomical trochlear stirrup arthroplasty of the rheumatoid elbow, **67B**, 676(*discussion*)
CT scans for traumatic hip dislocations and posterior-rim fractures, **66B**, 613(*discussion*)
Chevron osteotomy for the treatment of hallux valgus: a review of 75 patients, **65B**, 519(*discussion*)
Dorsal wedge osteotomy for the treatment of hallux rigidus, **67B**, 681(*discussion*)
Elmslie-Trillat patellar tendon transfer: technique and early results, **66B**, 610(*discussion*)
Primary total hip replacement for displaced intracapsular fractures of the femur, **66B**, 614(*discussion*)
The assessment of trauma management in the Wellington region, **67B**, 680(*discussion*)
The result of a case control study of host defences in haematogenous osteomyelitis of childhood, **65B**, 520(*discussion*)
The treatment of femoral fractures by cast brace application and early ambulation: a prospective review of 106 patients, **65B**, 518(*discussion*)
with **Bassett, E.G.** Healing of the medial collateral ligament of the knee: an experimental study in the rabbit, **68B**, 675
with **Hunter, M.H.** Spontaneous rupture of the deltoid, **65B**, 518
with others. Dislocations of the lunate with and without fracture of the scaphoid, **66B**, *391
Papadopoulos, P. *with others.* Ankle arthrodesis: a five year follow-up, **67B**, 326
with others. The effect of medial meniscectomy on strain distribution in the proximal part of the tibia, **66A**, *1431
Papagiannopoulos, G. *with* **Clement, D.A.** Treatment of fractures of the distal third of the femur: a prospective trial of the Derby intramedullary nail, **69B**, *67
Papaioannou, T. *with* **Gibson, P.H.** *and* **Kenwright, J.** The influence on the spine of leg-length discrepancy after femoral fracture, **65B**, *584
Papert, B. *with* **Dubowitz, B.** *and* **Friedman, L.** The oblique cranial tilt view for spondylolysis, **69B**, *421(*brief report*)
Papoff, W.J. *with others.* Diagnosing shoulder impingement by subacromial bursography, **68B**, 675

* Indicates full article or appreciable part

Pappas, A.M. *with* **Anas, P.** *and* **Toczylowski, H.M., Jr.** Asymmetrical arrest of the proximal tibial physis and genu recurvatum deformity, **66A**, *575
Park, B.-M. *with* **Kim, Y.-H.** *and* **Han, D.-Y.** Total hip arthroplasty for tuberculous coxarthrosis, **69A**, *718
Park, C. *with others.* Plantar pressures, gait analysis, foot shape and lower limb rotation patterns in growing children, **65B**, 366
Park, W.M. *Book reviews*, **65B**, 230
Park, Y.S. *with others.* A comparative study of the tolerance of skeletal muscle to ischaemia: tourniquet application compared with acute compartment syndrome, **68A**, *820
with others. Optimizing tourniquet application and release times in extremity surgery: a biochemical and ultrastructural study, **67A**, *303
Parke, W.W. *with* **Rothman, R.H.** *and* **Brown, M.D.** The pharyngovertebral veins: an anatomical rationale for Grisel's syndrome, **66A**, *568
Parker, B. *with* **Johnson, K.D.** *and* **Johnston, D.W.C.** Comminuted femoral-shaft fractures: treatment by roller traction, cerclage wires and an intramedullary nail, or an interlocking intramedullary nail, **66A**, *1222
Parker, J.C. *with others.* Paralytic hip instability in poliomyelitis, **68B**, *528
Parker, J.N. *with* **Schurman, D.J.** *and* **Ornstein, D.** Total condylar knee replacement: a study of factors influencing range of motion as late as two years after arthroplasty, **67A**, *1006
Parkinson, J.R. *with* **Ayers, D.C.** *and* **Evarts, C.M.** The prevention of heterotopic ossification in high-risk patients by low-dose radiation therapy after total hip arthroplasty, **68A**, *1423
Parlasca, R.J. *with others.* Total hip arthroplasty in adolescents, **66B**, 301
Parmar, H. *with others.* Do soft-tissue operations work in hallux valgus?: a review of the McBride procedure in middle-aged females, **69B**, 156, 511(*corrigendum*)
Parr, G.R. *with others.* Thermographic diagnosis in athletes with patellofemoral arthralgia, **68B**, *42
Parr, N. *with others.* The long-term results of the Liverpool Mark II knee prosthesis, **68B**, *111
Parry, C.B. Wynn, *see* Wynn Parry, C.B.
Parry, C.R. The development cascade in matrix-induced endochondral bone formation, **66B**, 461
with **Eisenstein, S.M.** The lumbar facet arthrosis syndrome: clinical presentation and articular surface changes, **69B**, *3
Parsons, D.W. *Book reviews*, **67B**, 852
with **Paul, S.B.** The indications for the use of and the complications of using a Minneapolis femoral component with a 32 mm diameter head in combination with a Müller HDP acetabular component as a cemented total hip replacement, **67B**, 498
Parsons, K.F. *with others.* Urinary retention in men after total hip arthroplasty, **68A**, *1435
Parsons, T. Diagnostic shoulder arthroscopy: an analysis of 55 cases, **69B**, 166
Parsons, V. *with others.* Hyperparathyroidism and bone marrow changes, **65B**, 93
Paskin, S. *with others.* Induced moderate hypotensive anesthesia for spinal fusion and Harrington-rod instrumentation, **67A**, *1384
Pasteels, J.L. *with* **Hauzeur, J.Ph.** *and* **Orloff, S.** Bilateral non-traumatic aseptic osteonecrosis in the femoral head: an experimental study of incidence, **69A**, *1221
Patel, A. *with others.* Fractured odontoid with fractured superior articular process of the axis: report of three cases, **68B**, *182
Patel, B.S. *with others.* Induced moderate hypotensive anesthesia for spinal fusion and Harrington-rod instrumentation, **67A**, *1384
Patel, M.R. *with others.* Osteochondritis dissecans of the patella, **69B**, *320
Patel, N.J. *with others.* Induced moderate hypotensive anesthesia for spinal fusion and Harrington-rod instrumentation, **67A**, *1384
Paterson, A.D. *with others.* Chemical measurement of bone GLA protein (BGP, osteocalcin): an indicator of bone metabolism, **65B**, 93
Paterson, C.R. *with* **McAllion, S.** *and* **Miller, R.** Osteogenesis imperfecta with dominant inheritance and normal sclerae, **65B**, *35
Paterson, D. *with others.* Scoliosis screening: a needs study, **69B**, 167
Paterson, J.M.H. An unusual presentation of osteoarthritis of the hip, **69B**, *480(*brief report*)
with **Fulford, P.C.** *and* **Denham, R.A.** Femoral component loosening in total hip replacement, **69B**, 155
Paterson, M.P. *with* **du Toit, G.** The use of femoral head allograft in spinal surgery, **69B**, 681
Paterson, R. *with* **Keene, G.** *and* **Cross, M.** A limited motion cast without hinges, **69B**, 167
Paterson, R.S. *with* **Keene, G.C.R.** Anterior cruciate instability: meniscal and chondral damage, **69B**, 162
with **Keene, G.C.R.** Arthroscopic findings in acute isolated medial ligament ruptures, **69B**, 162
with **Keene, G.C.R.** Arthroscopic meniscal suture, **69B**, 162
Paterson, Sir D. *with others.* Late diagnosis of CDH: further risk factors, **69B**, 164
with others. Skeletal age estimation and leg-length discrepancy, **69B**, 163
with others. The development of tibiofibular torsion in normal and clubfoot populations, **69B**, 491
Paterson, Sir D.C. *with* **Foster, B.K.** *and* **Pool, R.D.** Safe treatment in the early management of CDH with a modified Denis Browne hip splint, **68B**, 156, 336
with **Pool, R.D.** *and* **Foster, B.K.** Avascular necrosis in congenital hip dislocation, **68B**, *427
with **Simonis, R.B.** Electrical stimulation in the treatment of congenital pseudarthrosis of the tibia, **66B**, 283; **67B**, *454
with others. Long-term results of early surgical release in club feet, **67B**, *791
with others. The technetium phosphate bone scan in the diagnosis of osteomyelitis in childhood, **65A**, *431
with others. The value of ^{99m}Tc methylene diphosphonate bone scanning in the diagnosis of childhood osteomyelitis, **65B**, 102
Paterson, F.W.N. Congenital absence of the anterior cruciate ligament, **67B**, 846(*discussion*)
Lateral subluxation of the patella in extension, **67B**,848(*discussion*)
with **Citron, N.D.** *and* **Jackson, A.M.** Neuropathic osteonecrosis of the lateral femoral condyle in childhood: a report on four cases, **67B**, 848; **68B**, *96
with **Trickey, E.L.** Anterior cruciate ligament reconstruction using part of the patellar tendon as a free graft, **68B**, *453
with **Trickey, E.L.** Meniscectomy for tears of the meniscus combined with rupture of the anterior cruciate ligament, **65B**, *388
Paterson, M. *with* **Fulford, P.** *and* **Denham, R.A.** Loosening of the femoral component after total hip replacement: the thin black line and the sinking hip, **68B**, *392
Patradul, A. *with others.* Free vascularised fibular graft treatment of congenital pseudarthrosis of the tibia, **67B**, *64
with others. Free vascularised fibular graft in the treatment of congenital pseudarthrosis of tibia, **67B**, 490
Patrick, J.H. Walking for paraplegics: the potential for adults, **66B**, 285
Pattee, G.A. *with* **Bohlman, H.H.** *and* **McAfee, P.C.** Compression of a sacral nerve as a complication of screw fixation of the sacro-iliac joint: a case report, **68A**, *769
Patten, J.P. Isolated paralysis of the serratus anterior, **65B**, 532(*editorial*)
Patterson, C.C. *with* **Stewart, R.J.** *and* **Mollan, R.A.B.** Ossification of the normal femoral capital epiphysis, **68B**, *653(*brief report*)
Patterson, F.P. *with others.* Results of revision total hip surgery at Vancouver General Hospital, **68B**, 851
Patterson, M. Ring uncemented hip replacements: the results of revision, **69B**, *374
with others. A check list for spinal cord monitoring: is it a true or false-positive change, **69B**, 854
Patterson, M.H. The results of revision Ring uncemented hip replacements, **68B**, 669
with **Walker, G.F.** Excision spinal osteotomy for kyphosis in myelomeningocele, **68B**, 159
Patzakis, M.J. *with others.* Results of compression-plating of closed Galeazzi fractures, **67A**, *1015
Paul, J.P. *with* **Souter, W.A.** *and* **Nicol, A.C.** Anatomical trochlear stirrup arthroplasty of the rheumatoid elbow, **67B**, 676
with **Souter, W.A.** *and* **Nicol, A.C.** Souter–Strathclyde arthroplasty of the rheumatoid elbow, **67B**, 154
with others. A new method of hip function measurement, **69B**, 498
with others. Hip joint replacement and lower limb joint loading, **65B**, 368
Paul, S.B. *with* **Parsons, D.W.** The indications for the use of and the complications of using a Minneapolis femoral component with a 32 mm diameter head in combination with a Müller HDP acetabular component as a cemented total hip replacement, **67B**, 498
Paulos, L.E. Evaluation of the use of braces to prevent injury to the knee in collegiate football players, **69A**, 1467(*correspondence*)
Paupe, J. *with others.* Dermatitis due to orthopaedic implants: a review of the literature and report of three cases, **69A**, *1408
Pavlov, H. *Book reviews*, **65A**, 430; **66A**, 477, 974
with others. Fractures of the base of the fifth metatarsal distal to the tuberosity: classification and guidelines for non-surgical and surgical management, **66A**, *209
with others. Measurement of anterior-posterior motion of the knee in injured patients using a biomechanical stress technique, **66A**, *1438
with others. Neuropraxia of the cervical spinal cord with transient quadriplegia, **68A**, *1354
with others. The accuracy of double-contrast arthrographic evaluation of the anterior cruciate ligament: a retrospective review of one hundred and sixty-three knees with surgical confirmation, **65A**, *175
Pawley, E. *with others.* Osteomalacia and femoral neck fractures in the elderly patient, **69B**, *388
with others. Screening for osteomalacia in elderly patients with femoral neck fractures, **69B**, *765
Payan, J. An electromyographer's view of the ulnar nerve, **68B**, *13
with others. Peripheral nerve injuries, **68B**, *2(*symposium*)
Payen, J. *with others.* Metastases of a lingual epidermoid carcinoma in a femur affected by Paget disease: report of a case, **69A**, *1440
Pazzaglia, U. *with* **Byers, P.D.** Fractured femoral shaft through an osteolytic lesion resulting from the reaction to a prosthesis, **66B**, *337

Pazzaglia, U.E. *with* **Ceciliani, L.** Periosteal chondroma of the humerus leading to shortening: a case report, **67B**, *290
with others. Myositis ossificans in the newborn: a case report, **68A**, *456
with others. Pathology of infantile cortical hyperostosis (Caffey's disease): report of a case, **67A**, *1417
Peacock, M. *with others.* Osteoporosis in the male, **65B**, 90
Pearce, J.G. *with others.* Unilateral facet dislocation at the lumbosacral junction: case report and literature review, **65A**, *1174
Pearson, H.J. *with others.* Ingrowing toenails: is there a nail abnormality?: a prospective study, **69B**, *840
Pearson, J.C.G. *with others.* A study revealing a tall pelvis in subjects with low back pain, **65B**, *153
Pearson, R.L. *with others. Pseudomonas aeruginosa* bone and joint infection in drug abusers, **65A**, *829
Peckitt, N.S. *with others.* Colles' fractures, one year after injury: a prospective study, **68B**, 158
Pedersen, D.R. *with* **Callaghan, J.J.** *and* **Brand, R.A.** Hip arthrodesis: a long-term follow-up, **67A**, *1328
with **Crowninshield, R.D.** *and* **Brand, R.A.** A stress analysis of acetabular reconstruction in protrusio acetabuli, **65A**, *495
Pedersen, N.W. *with others.* Osteoarthritis of the hip in patients with proximal femoral fractures, **69B**, *529(*brief report*)
Pedrini, V. *with others.* Proteoglycans of human infant intervertebral disc: electron microscopic and biochemical studies, **67A**, *284
Pedrini, V.A. *with* **Pedrini-Mille, A.** *and* **Maynard, J.A.** Pseudoachondroplasia: biochemical and histochemical studies of cartilage, **66A**, *1408
with others. Proteoglycans of human scoliotic intervertebral disc, **65A**, *815
Pedrini-Mille, A. *with* **Maynard, J.A.** *and* **Pedrini, V.A.** Pseudoachondroplasia: biochemical and histochemical studies of cartilage, **66A**, *1408
with others. Proteoglycans of human scoliotic intervertebral disc, **65A**, *815
with others. Proteoglycans of human infant intervertebral disc: electron microscopic and biochemical studies, **67A**, *284
Pee, D. *with others.* Quantitative criteria for prediction of the results after displaced fracture of the ankle, **65A**, *667
Peek, R.D. *with others.* Allograft bone in spinal fusion for paralytic scoliosis, **68A**, *370
Peff, T.C. *with others.* Fractures of the base of the fifth metatarsal distal to the tuberosity: classification and guidelines for non-surgical and surgical management, **66A**, *209
Peimer, C.A. *with* **Douglas, D.P.** *and* **Koniuch, M.P.** Motion of the wrist after simulated limited intercarpal arthrodeses: an experimental study, **69A**, *1413
Peiró, A. *with others.* Fractures of the distal tibial epiphysis in adolescence, **65A**, 1208(*correspondence*)
Pelker, R.R. *with* **Drennan, J.C.** *and* **Ozonoff, M.B.** Juvenile synovial chondromatosis of the hip: a case report, **65A**, *552
Pellicci, P.M. *with* **Paget, S.** *and* **Tsairis, P.** Post-anesthetic myoglobinuria with acute renal failure (normothermic malignant hyperthermia): a case report, **65A**, *413
with others. Long-term results of revision total hip replacement: a follow-up report, **67A**, *513
with others. Results of revision for mechanical failure after cemented total hip replacement, 1979 to 1982: a two to five-year follow-up, **67A**, *1074
with others. Successive bilateral total knee replacement, **67A**, *573
with others. Total hip replacement for Paget's disease of the hip, **66A**, *752
Peltonen, J.I. *with* **Karaharju, E.O.** *and* **Alitalo, I.** Experimental epiphysial distraction producing and correcting angular deformities, **66B**, *598
Pemberton, J. *Book reviews*, **65B**, 681; **67B**, 343
Radiology, radiation and risk, **68B**, 517(*annotation*)
Pembrey, R. *with others.* The use of autogenous blood transfusion in spinal surgery, **68B**, 338
Penenberg, B.L. *with* **Harris, W.H.** Further follow-up on socket fixation using a metal-backed acetabular component for total hip replacement: a minimum ten-year follow-up study, **69A**, *1140
Penman, H.G. *with* **Ring, P.A.** Osteosarcoma in association with total hip replacement, **66B**, *632
Penny, J.N. Carbon fibre augmentation of cruciate ligament reconstructions, **69B**, 511
Percival, R.C. *with others.* Aminohexane diphosphonate for the treatment of Paget's disease of bone, **68B**, 161
Percy-Lancaster, R. *with* **Floyd, A.** The elephant woman: neurofibromatosis associated with pseudarthrosis of the humerus, **69B**, *121
Perez-Sanz, J.R. *with* **Bigliani, L.U.** *and* **Wolfe, I.N.** Treatment of trapezius paralysis, **67A**, *871
Perkins, A. *with others.* Localisation of human osteosarcoma by antitumour monoclonal antibody, **65B**, *638
Perkins, A.C. *with others.* Gamma scintigraphy of bone tumours using a radiolabelled anti-osteosarcoma monoclonal antibody, **67B**, 320
Perkins, P.G. The value of intrathecal decompression and stabilisation of burst fractures with neurological deficit, **67B**, 328
Perkins, R. *with* **Skirving, A.P.** Callus formation and the rate of healing of femoral fractures in patients with head injuries, **69B**, *521
Perko, M. *with* **Taylor, T.K.F.** *and* **Ruff, S.J.** Late reactivation of osteomyelitis in long bones, **66B**, 782
Perko, M.M. *with others.* A critical review of 274 metacarpophalangeal arthroplasties, **66B**, 777
Perlik, P.C. *with* **Westin, G.W.** *and* **Marafioti, R.L.** A combination pelvic osteotomy for acetabular dysplasia in children, **67A**, *842
Perlmutter, N. *with others.* Grading of bone tumors by analysis of nuclear DNA content using flow cytometry, **67A**, *404
Perlmutter, N.G. *with others.* Adriamycin binding by osteosarcoma cells: assessment by flow cytometry, **67B**, 320
Perpich, M. *with* **Sponseller, P.D.** *and* **McBeath, A.A.** Hip arthrodesis in young patients: a long-term follow-up study, **66A**, *853
Perren, S.M. *with others.* Free segmental bone allografts with microsurgical revascularisation and short-term immunosuppression by cyclosporin A, **68B**, 498
Perrin, R. *with others.* Treatment of metastatic disease of the spine with posterolateral decompression and Luque instrumentation, **68B**, 852
Perry, C.R. Complications of Ender-pin fixation in basicervical, intertrochanteric, and subtrochanteric fractures of the hip, **65A**, 1355(*correspondence*)
with others. A new surgical approach to fractures of the lateral tibial plateau, **66A**, *1236
with others. Posterior fracture-dislocation of the distal part of the fibula: mechanism and staging of injury, **65A**, *1149
Perry, J. *with others.* Adduction contracture of the thumb in cerebral palsy: a preoperative electromyographic study, **65A**, *755
with others. Psoas abscess mimicking a septic hip: diagnosis by computed tomography, **67A**, *1281
Persson, B.M. *with* **Rydholm, A.** *and* **Rööser, B.** Primary myectomy for sarcoma, **68A**, *586
Pess, G.M. *with others.* Femoral neuropathy secondary to pressurized cement in total hip replacement: treatment by decompression and neurolysis: report of a case, **69A**, *623
Peterson, H.A. *with* **Cass, J.R.** Salter–Harris Type-IV injuries distal tibial epiphyseal growth plate, with emphasis on those involving the medial malleolus, **65A**, *1059
Premature partial physeal closure: assessment and treatment, **69B**, 154
with **Gray, J.E.** *and* **Hoffman, A.D.** Reduction of radiation exposure during radiography for scoliosis, **65A**, *5
with others. Management of deformities of the forearm in multiple hereditary osteochondromas, **66A**, *670
Peterson, L.F.A. Joseph Mowat Jones, **67A**, 663(*obituary*)
with **Lewallen, D.G.** *and* **Bryan, R.S.** Polycentric total knee arthroplasty: a ten-year follow-up study, **66A**, *1211
Petrie, D.P. *with* **Leighton, R.K.** Compression arthrodesis of the wrist, **66B**, 296
Petry, J.J. *Book reviews*, **69A**, 477
Pettersson, H. *with others.* Surface replacement of the elbow in rheumatoid arthritis, **66B**, *737
Pettine, K.A. *with* **Klassen, R.A.** Osteoid-osteoma and osteoblastoma of the spine, **68A**, *354
with **Morrey, B.F.** Osteochondral fractures of the talus: a long-term follow-up, **69B**, *89
Pettingale, K.W. *with* **Lever, E.G.** Albright's syndrome associated with a soft-tissue myxoma and hypophosphataemic osteomalacia: report of a case and review of the literature, **65B**, *621
Pettit, G. *with others.* The effects of postoperative joint immobilisation on articular cartilage degeneration following meniscectomy, **65B**, 671
Pettrone, F.A. *with others.* Quantitative criteria for prediction of the results after displaced fracture of the ankle, **65A**, *667
Petty, W. *Book reviews*, **66A**, 1326
Osteonecrosis, **68A**, *1311(*editorial*)
with others. The influence of skeletal implants on incidence of infection: experiments in a canine model, **67A**, *1236
Peylan, J. *with* **Goldberg, I.** *and* **Yosipovitch, Z.** Late results of excision of the radial head for an isolated closed fracture, **68A**, *675
Pfefer, G.B. *with others.* Results of treatment of severe carpal-tunnel syndrome without internal neurolysis of the median nerve, **69A**, *896
Pflug, J.J. *with* **Beverley, M.C.** *and* **Mathie, R.T.** The cancellous bone blood pump, **69B**, 492
with **Beverley, M.C.** *and* **Mathie, R.T.** Bone: a flexible perfused sponge?, **69B**, 494
Philips, V.K. Cuff tear arthropathy, **66A**, 807(*correspondence*)
Phillips, F.J. Fluted intramedullary nails in femoral shaft fractures, **66B**, 615
Phillips, G.E. A review of elongation of os calcis for flat feet, **65B**, *15
with **Tayton, K.J.J.** *and* **Ráliš, Z.** Long-term effects of implanted carbon fibre on soft tissues, **65B**, 91
with others. The contaminated skin-knife: a surgical myth, **65B**, *210
Phillips, H. *with* **Fairbank, J.C.T.** *and* **Pynsent, P.B.** The assessment of joint mobility in orthopaedic research, **65B**, 656
with **Kavanagh, T.G.** *and* **Sarkar, S.D.** Complications of displaced fractures (Type II Neer) of the outer end of the clavicle, **67B**, 492
with others. Mechanical factors in the incidence of adolescent patellofemoral pain, **66B**, 279
with others. Mechanical factors in the incidence of knee pain in adolescents and young adults, **66B**, *685
Phillips, H.O., IV. *with* **Grubb, S.A.** Familial multiple osteochondritis dissecans: report of a kindred, **67A**, *155

* Indicates full article or appreciable part

Phillips, J.E. *with* **Hooper, G.** A method of fusion of the first metatarsophalangeal joint, **67B**, 670
with **Hooper, G.** A simple technique for arthrodesis of the first metatarsophalangeal joint, **68B**, *774(*brief report*)
Phillips, P. *with others*. Histochemical and electrophysiological changes in the vastus lateralis muscles of patients with recurrent dislocation of the patellae, **69B**, 496
with others. Recurrent dislocation of the patella: histochemical and electromyographic evidence of primary muscle pathology, **69B**, *790
Phillips, P.D. *with others*. The effects of peripheral electrical nerve stimulation on pain associated with osteoarthritis of the hip, **67B**, 152
Phillips, R.S. Combined intramedullary nailing and Charnley compression for difficult knee arthrodesis, **65B**, 224(*discussion*)
Phillips, T.W. The Bateman bipolar femoral head replacement: a fluoroscopic study of movement over a four-year period, **69B**, *761
with **Aitken, G.K.** Sulphur-colloid bone scan assessment of femoral head vascularity following subcapital fracture of the femur, **67B**, 329
with **Wright, P.H.** Resurfacing arthroplasty of the hip, **66B**, 614
with others. Thompson hemiarthroplasty: 5-to 10-year follow-up in 241 patients, **68B**, 852
Phillips, W.A. *with others*. A prospective, randomized study of the management of severe ankle fractures, **67A**, *67, 1303(*correspondence*), 1304(*correspondence*)
with others. Osteoid-osteoma: intraoperative tetracycline–fluorescence demonstration of the nidus, **69A**, 310(*correspondence*)
Pho, R.W.H. *with* **Lim, S.M.L.** *and* **Satku, K.** Late metastases from osteogenic sarcoma: a case report, **67A**, *147
with **Satku, K.** *and* **Kumar, V.P.** Stress fractures of the tibia in osteoarthritis of the knee, **69B**, *309
with **Satku, K.** *and* **Wee, A.** Painful heel syndrome — an unusual cause: case report, **66A**, *607
with others. Free vascularised fibular graft in the treatment of congenital pseudarthrosis of the tibia, **67B**, *64, 490(*discussion*)
Phoenix, O.F. *with others*. A clinical and laboratory analysis of forearm fracture fixation with less than rigid implants, **65B**, 364
Pianta, R.M. *with others*. Locked posterior dislocation of the shoulder, **69A**, *9
Picault, C. VDS Zielke procedure in 100 thoracolumbar and lumbar scoliosis patients, **69B**, 853
with others. Surgical repair of extensive idiopathic osteolysis of the pelvic girdle (Jackson–Gorham), **66B**, 148
Picci, P. *with* **Gherlinzoni, F.** *and* **Rock, M.** Chondromyxoid fibroma: the experience at the Istituto Ortopedico Rizzoli, **65A**, *198
with others. Adjuvant chemotherapy for malignant fibrous histiocytoma in the femur and tibia, **67A**, *620
with others. Aneurysmal bone cyst of the spine, **67A**, *527
with others. Chondroblastoma: a review of seventy cases, **67A**, *748
with others. Giant-cell tumor of bone in skeletally immature patients, **65A**, *486
with others. Medullary involvement in parosteal osteosarcoma: a case report, **69A**, *131
with others. Parosteal osteosarcoma, **66B**, *313
with others. Surgical treatment of giant-cell tumor of the spine: the experience at the Instituto Ortopedico Rizzoli, **65A**, *1283
Pichora, D. *with* **Cooke, T.D.V.** Knee dysplasia: an unusual but important problem associated with progressive arthritis, **67B**, 332
with others. Gamekeeper's thumb: a detailed prospective study of functional bracing, **68B**, 856
Pick, R.Y. *with* **Segal, D.** Carpal scaphoid fracture and non-union in an eight-year-old child: report of a case, **65A**, *1188
Pickard, J.J. *with others*. Review of pelvic fractures in the multiply injured patient: 107 cases, **68B**, 849
Pickens, G.T. *with others*. The use of epidural steroids in the treatment of lumbar radicular pain: a prospective, randomized, double-blind study, **67A**, *63
Piepmeier, J. *with* **Lindsey, R.W.** *and* **Burkus, J.K.** Tortuosity of the vertebral artery: an adventitious finding after cervical trauma: a case report, **67A**, *806
Pierce, R.N. *with others*. Prior deposition of autologous blood in elective orthopaedic surgery, **69A**, *320
Pierron, R.L. Prophylaxis of deep-vein thrombosis after total hip replacement: dextran and external pneumatic compression compared with 1.2 or 0.3 gram of aspirin daily, **67A**, 983(*correspondence*)
Pietrangeli, A. *with* **Gessini, L.** *and* **Jandolo, B.** The anterior tarsal syndrome: report of four cases, **66A**, *786
Piggot, J. Acute haematogenous osteomyelitis: high dose antibiotic treatment, **66B**, 145(*discussion*)
Periosteal division in the management of the short leg in childhood, **66B**, 276(*discussion*)
Supracondylar fractures of the humerus in children: analysis at maturity of fifty-three patients treated conservatively, **68A**, 1304(*correspondence*)
with **Graham, H.K.** *and* **McCoy, G.F.** Supracondylar fractures of the humerus in children: treatment by straight lateral traction, **68B**, *577, 155
with **Henderson, S.A.** *and* **Graham, H.K.** Death and serius injury in child motorcyclists, **69B**, 489
Piggot, J., (*continued*)
with **Henderson, S.A.** *and* **Graham, H.K.** Injury in child motorcyclists, **69B**, 499
with others. Injuries of the cervical spine in schoolboy rugby football, **66B**, *500
Piggott, H. *with* **Andrew, T.A.** Review of progressive congenital scoliosis treated by unilateral growth arrest, **67B**, 148
with **Andrew, T.** Growth arrest for progressive scoliosis: combined anterior and posterior fusion of the convexity, **67B**, *193
with **Karpinski, M.R.K.** Greater trochanteric pain syndrome: a report of 15 cases, **67B**, *762
Pike, A.W. Ectopic bone formation in perch myotomes stimulated by parasitic worm infection, **65B**, 89
Pilliar, R.M. *with* **McElwain, J.P.** *and* **English, E.** Radiological analysis of the English–Macnab porous-coated total shoulder replacement, **67B**, 326
Pilliard, D. *with others*. Resection of the upper end of the femur in children with spastic quadriplegia, **66B**, 142
Pinn, M.V. *with others*. Gamma scintigraphy of bone tumours using a radiolabelled anti-osteosarcoma monoclonal antibody, **67B**, 320
with others. Localisation of human osteosarcoma by antitumour monoclonal antibody, **65B**, *638
Pin, L.H. *with others*. Early diagnosis of scoliosis based on school-screening, **67A**, *1202
Pincott, J.R. *with* **Davies, J.S.** *and* **Taffs, L.F.** Scoliosis caused by section of dorsal spinal nerve roots, **66B**, *27
with others. Tibial dysplasia: a study of the anatomy, **65B**, *157
Pinczewski, L. *with* **Taylor, T.K.F.** *and* **Ryan, M.D.** The management of hangman's fracture, **65B**, 98
Pinder, I.M. *with* **Smith, S.R.** *and* **Cullen, M.J.** Muscle regeneration in closed compartment syndromes: an electron microscopic study, **67B**, 319
Pini, M. *with others*. Dextran/aspirin versus heparin/dihydroergotamine in preventing thrombosis after hip fractures, **67B**, *305
Pinto, M.R. *with others*. The volume of distribution of albumin and methylene diphosphonate in normal and infected bone, **68B**, 841
Pinzur, M. *with others*. Amputations at the middle level of the foot: a retrospective and prospective review, **68A**, *1061
Pinzur, M.S. Amputations at the middle level of the foot: a retrospective and prospective study, **69A**, 791(*correspondence*)
Gait patterns in spastic hemiplegia in children and young adults, **69A**, 1304
with others. Adult-onset hemiplegia: changes in gait after muscle-balancing procedures to correct the equinus deformity, **68A**, *1249
Pippen, J. *with* **Fielding, J.W.** *and* **Francis, W.R. Jr.**, Traumatic spondylolisthesis of the axis, **66B**, 780
Pirani, S.P. *with* **Schweigel, J.F.** *and* **Bentley, K.** Intravenous contrast enhancement in CT differentiation between recurrent disc herniation and postoperative root scar: specificity, sensitivity and predictive values, **69B**, 510
Pirie, L. Pathology of plantar fibromatosis, **69B**, 679
Pisano, G. *with others*. Acute septic arthritis: what is the outcome?, **68B**, 333
Piscopo, M. *with* **Uhthoff, H.K.** Anterior capsular redundancy of the shoulder: congenital or traumatic? An embryological study, **67B**, *363
Pitchford, W. *with others*. The tibial subchondral plate: a scanning electron microscopic study, **69A**, *1212
Pitetti, K.H. *with others*. Aerobic training exercises for individuals who had amputation of the lower limb, **69A**, *914
Pizzutillo, P.D. *Book reviews*, **68A**, 957
with **Georgopoulos, G.** *and* **Lee, M.S.** Occipito-Atlantal instability in children: a report of five cases and review of the literature, **69A**, *429
with others. Bilateral fracture of the pedicle of the second vertebra in the young child, **68A**, *892
Plant, G.R. *with others*. Standardised trunk asymmetry scores and vector stereography in idiopathic scoliosis, **66B**, 289
Plasmans, C.M.T. *with* **Fidler, M.W.** The effect of four types of support on the segmental mobility of the lumbosacral spine, **65A**, *943
Plewes, J.L. *with* **MacEachern, A.G.** Bilateral simultaneous rupture of the quadriceps tendons, **66B**, *81
Ploetz, J.E. *with* **Tomford, W.W.** *and* **Mankin, H.J.** Bone allografts of femoral heads: procurement and storage, **68A**, *534
Pogrund, H. *with* **Finsterbush, A.** Hip dysplasia associated with abduction contracture of the contralateral hip, **65A**, 1029(*correspondence*)
Poirier, H. *Book reviews*, **67B**, 687
Patellar release/repositioning operation for recurrent, habitual and persistent dislocation of the patella, **67B**, 55(*discussion*)
Significance of the immediate postoperative complications on the failure of the Geomedic knee replacement in patients with rheumatoid arthritis, **67B**, 489(*discussion*)
Tibial tubercle advancement for failed patellectomy, **67B**, 156(*discussion*)
Poitout, D. *with* **Trifaud, A.** Reconstruction prosthesis for the resection of primary bone tumours of the lower limbs, **67B**, 329
Poitras, B. *with others*. Iliopsoas muscle transfer in low-lumbar myelomeningocele: parameters associated with a stable hip, **67B**, 333
with others. Long-term complications of innominate osteotomy in the treatment of Legg–Perthes disease, **67B**, 332

Poitras, B.P. *with others*. Correction of the kyphosis in myelomeningocele patients by both anterior and posterior stabilisation procedure, **66B**, 302
with others. Spinal segmental instrumentation for the treatment of all types of paralytic scoliosis, **66B**, 229
Poka, A. *with* **Kenzora, J.E.** *Book reviews*, **65A**, 572
with others. Compartment syndrome in open tibial fractures, **68A**, *1348
Polke, M. Outpatient arthroscopic screening, **66B**, 146(*discussion*)
Pöll, R.G. *with* **Duijfjes, F.** The treatment of recurrent dislocation of the peroneal tendons, **66B**, *98
Pollack, A. *with others*. Design of a cementless modular ceramic knee with screw fixation: "a preliminary report", **68B**, *336
Pollack, S.R. *with* **Brighton, C.T.** *and* **Tadduni, G.T.** Treatment of sciatic denervation disuse osteoporosis in the rat tibia with capacitively coupled electrical stimulation: dose response and duty cycle, **67A**, *1022
with **Brighton, C.T.** Treatment of recalcitrant non-union with a capacitively coupled electrical field: a preliminary report, **67A**, *577
Pollen, A. *Book reviews*, **69B**, 170
Pollen, A.G. *Book reviews*, **67B**, 515
Pollock, F.H. *with others*. The isolated fracture of the ulnar shaft: treatment without immobilization, **65A**, *339
Pomeroy, D.L. *with others*. Intramedullary fixation of humeral shaft fractures, **66A**, *639
Ponseti, I.V. *with* **Weinstein, S.L.** Curve progression in idiopathic scoliosis, **65A**, *447
with others. Legg-Calvé-Perthes disease: histochemical and ultrastructural observations of the epiphyseal cartilage and physis, **65A**, *797
with others. Proteoglycans of human scoliotic intervertebral disc, **65A**, *815
Pool, C. Meniscectomy in children, **67B**, 847(*discussion*)
Pool, C.J.F. Posterolateral instability of the knee, **67B**, 157(*discussion*)
Pool, R.D. A review of the literature on vertebral anomalies in monozygotic twins, **68B**, 679
Congenital scoliosis in monozygotic twins: genetically determined or acquired *in utero*?, **68B**, *194
with **Foster, B.K.** *and* **Paterson, Sir D.C.** Safe treatment in the early management of CDH with a modified Denis Browne hip splint, **68B**, 156, 336
with **Foster, B.K.** *and* **Paterson, Sir D.C.** Avascular necrosis in congenital hip dislocation, **68B**, *427
Pooley, J. *with* **Nutton, R.W.** The demonstration of bone circulation in the rabbit by autoradiography of radioactive labelled microspheres, **69B**, 494
with **Pooley, J.E.** *and* **Stevens, J.** Evidence for an intra-osseous arteriovenous shunt operating in long bones during exercise conditions, **67B**, 319
with **Walder, D.N.** "Dry joints" in divers: an explanation, **65B**, 656
Pooley, J.E. *with* **Pooley, J.** *and* **Stevens, J.** Evidence for an intra-osseous arteriovenous shunt operating in long bones during exercise conditions, **67B**, 319
Pope, M.H. Setting temperatures of plaster casts, **65A**, 279(*correspondence*)
with **Callahan, G.** *and* **Lavalette, R.** Setting temperatures of synthetic casts, **67A**, *262
with others. Risk factors in low-back pain: an epidemiological survey, **65A**, *213
with others. Spine radiographs in patients with low-back pain: an epidemiological study in men, **66A**, *1048
Poplawski, Z.J. Arthroscopy of the ankle, **66B**, 614(*discussion*)
Chevron osteotomy for the treatment of hallux valgus: a review of 75 patients, **65B**, 519(*discussion*)
Diagnostic arthroscopy of the knee in children, **67B**, 675(*discussion*)
Disc bone grafting in protrusio acetabuli, **66B**, 787(*discussion*)
Galleazzi fracture-dislocation revisited, **66B**, 613(*discussion*)
Hip fractures in rheumatoid arthritis, **65B**, 518(*discussion*)
Posterior cruciate ligament injuries, **67B**, 674(*discussion*)
with **Wiley, A.M.** *and* **Murray, J.F.** Post-traumatic dystrophy of the extremities: a clinical review and trial of treatment, **65A**, *642
Popowitz, L. *with* **Ballard, H.M., III.** Surgery for full-thickness rotator-cuff tears, **68A**, 634(*correspondence*)
Porrit, Rt Hon Lord 100th Birthday Tribute to Sir Harry Platt, **68B**, 690
Porritt, Lord. Sir Henry Osmond-Clarke, **69B**, 484(*obituary*)
Porter, B.B. *with* **Epstein, H.P.** *and* **Minns, R.J.** Upper tibial osteotomy for osteoarthritis of the knee: (I) determination of loading on the joint compartments; (II) tools to assist the operation, **65B**, 220
with **Lennox, C.M.E.** *and* **Minns, R.J.** A study of the factors responsible for pain relief after upper tibial wedge osteotomy, **68B**, 670
with others. A comparison of operative and conservative treatment for unstable trochanteric fractures, **67B**, 495
Porter, K.M. *with* **Merriam, W.F.** Hindfoot disability after a tibial shaft fracture treated by internal fixation, **65B**, *326
with **Sharp, D.J.** *and* **Duke, R.F.N.** The resolution of protrusio acetabuli treated with Ring's hip prosthesis, **66B**, *635
Porter, M.L. *with* **Stockley, I.** Fractures of the distal radius: intermediate and end-results in relation to radiological parameters, **68B**, 666
Porter, R.W. Congenital talipes equinovarus: I. resolving and resistant deformities, **69B**, *822
Congenital talipes equinovarus: II. A staged method of surgical management, **69B**, *826
Talipes equinovarus: is the tether medial or lateral?, **65B**, 221(*discussion*)
with **Hibbert, C.S.** Neurogenic claudication treated with calcitonin, **66B**, 278
with **Langton, C.M.** *and* **Palmer, S.B.** Measurement of bone mineral content by broad-band ultrasonic attenuation, **66B**, 287
Portner, O.T. *with* **Gartke, K.A.** The semitendinosus dynamic transfer for anterior cruciate insufficiency, **66B**, 305
with **McIntyre, W.M.** *and* **Wiley, J.J.** Joint infections in paediatric patients, **66B**, 303
Poser, J. *with others*. Effects of vitamin D metabolites on human osteoblast-like cells *in vitro*, **66B**, 288
Poser, J.W. *with others*. Osteocalcin as a marker of bone metabolism, **67B**, 159
Posman, C.L. *with* **Morawa, L.G.** Vascular injury from intrapelvic migration of a threaded pin: a case report, **67A**, *804
Posner, A.S. *with others*. Mineral parameters in early fracture repair, **66A**, *1289
Posner, M. *with others*. Hodgkin disease presenting as a lesion in the wrist: a case report, **69A**, *1246
Posor, J. *with others*. Chemical measurement of bone GLA protein (BGP, osteocalcin): an indicator of bone metabolism, **65B**, 93
Poss, R. *Book reviews*, **67A**, 509
The role of osteotomy in the treatment of osteoarthritis of the hip, **66A**, *144(*current concepts review*)
with others. Kinematic total knee replacement, **66A**, *1032
with others. Long-term results of revision total hip replacement: a follow-up report, **67A**, *513
Post, M. *with others*. Retrosternal dislocation of the clavicle: report of four cases, **66A**, *287
Postacchini, F. *with* **Massobrio, M.** *and* **Ferro, L.** Familial lumbar stenosis: case report of three siblings, **67A**, *321
with **Massobrio, M.** Idiopathic coccygodynia: analysis of fifty-one operative cases and a radiographic study of the normal coccyx, **65A**, *1116
Potchen, E.J. *with others*. High-field magnetic-resonance imaging of aseptic necrosis of the talus: a case report, **68A**, *927
Potter, G.R. *with* **Graves, S.E.** *and* **Raptis, S.** Vascular injury in complete dislocation of bone, **68B**, 333
with others. Reduction and stabilisation of cervical dislocations: a comparison of postural nursing with coronal dowel fusion, **69B**, 164
Potter, T. *with* **Emerson, R.H., Jr.** The use of the McKeever metallic hemiarthroplasty for unicompartmental arthritis, **67A**, *208
Pouget, G. recurrent posterior dislocation of the shoulder treated by glenoid osteotomy, **66B**, 140
Pournaras, J. *with* **Symeonides, P.P.** *and* **Karkavelas, G.** The significance of the posterior cruciate ligament in the stability of the knee, **65B**, *204
Pous, J.G. *with others*. Legg-Calvé-Perthes disease: histochemical and ultrastructural observations of the epiphyseal cartilage and physis, **65A**, *797
Povey, R.W. *Book reviews*, **66B**, 622
Powell, A.E. *with others*. Immune responses of rats to frozen bone allografts, **65A**, *239
with others. Improved acceptance of frozen bone allografts in genetically mismatched dogs by immunosuppression, **66A**, *937
with others. The effect of histocompatibility matching on canine frozen bone allografts, **65A**, *89
Powell, E.S. *with others*. Vascularity and mechanical strength in healing fractures, **65B**, 658
Powell, J. *with* **Glasgow, M.M.S.** Arthroscopic electrosurgery of the knee, **69B**, 849
with others. Technical aspects of lumbar stabilisation with Luque instrumentation for low-back problems, **66B**, 299
Powell, J.M. *with others*. Combined compression and distraction Harrington instrumentation in adolescent idiopathic scoliosis, **69B**, 853
Powers, T. *with others*. Unicompartmental and bicompartmental arthroplasty of the knee with a finned metal tibial-plateau implant, **67A**, *1175
Powles, D. *with* **Skinner, P.W.** Compression screw fixation for displaced subcapital fracture of the femur: success or failure?, **68B**, *78
Pozo, J.L. *with* **Cannon, S.R.** *and* **Catterall, A.** The Colonna–Hey Groves arthroplasty in the late treatment of congenital dislocation of the hip: a long-term review, **69B**, *220
with **Crockard, H.A.** *and* **Ransford, A.O.** Basilar impression in osteogenesis imperfecta, **66B**, *233
with **Kirwan, E.O'G.** *and* **Jackson, A.M.** The long-term results of conservative management of severely displaced fractures of the calcaneus, **66B**, *386
with others. Craniocervical instability treated by contoured loop fixation, **68B**, *173
with others. One-stage transoral anterior decompression and posterior stabilisation in cervical myelopathy complicating rheumatoid arthritis, **67B**,498

* Indicates full article or appreciable part

Pozo, J.L., (*continued*)
with others. Osteoid osteoma and benign osteoblastoma of the spine, **66B**, *21
with others. The behaviour pattern of the scoliosis associated with osteoid osteoma or osteoblastoma of the spine, **66B**, *16
with others. Transoral decompression and posterior fusion for rheumatoid atlanto-axial subluxation, **68B**, *350
Prag, J.B. *with others*. Prophylactic antibiotics in amputation of the lower extremity for ischemia: a placebo-controlled, randomized trial of cefoxitin, **67A**, *800
Prentice, C.R.M. *with others*. Total knee arthroplasty in haemophilic arthritis, **65B**, *163
Present, D. *with* **Bertoni, F.** *and* **Enneking, W.F.** Giant-cell tumor of bone with pulmonary metastases, **67A**, *890
with others. Benign fibrous histiocytoma of bone, **68A**, *1225
with others. The meaning of radiolucencies in parosteal osteosarcoma, **67A**, *901
Preston, B.J. *with others*. Magnetic resonance imaging of patients with scoliosis: preliminary observations, **69B**, 854
with others. The musculoskeletal applications of NMR imaging, **66B**, 290
Preston, C.J. *with others*. Osteocalcin as a marker of bone metabolism, **67B**, 159
Price, A.B. *with others*. Tendon implantation into bone: an experimental study, **67B**, 844
Price, A.J. *with others*. Heparin and dihydroergotamine prophylaxis against thrombo-embolism after hip arthroplasty, **67B**, *538
Price, C.T. Lower-extremity rotational problems in children: normal values to guide management, **67A**, 823(*correspondence*)
Price, R. *with* **Fahrer, M.** Theoretical bases for tendon transfers, **65B**, 673
Price, S.K. *with others*. Two malignant fibrous histiocytomas in bone infarcts: case report, **65A**, *1166
Prickett, C.F. *with* **Weatherley, C.R.** *and* **O'Brien, J.P.** Discogenic pain persisting despite solid posterior fusion, **68B**, *142
Prieto, J.J. *with others*. The isolated fracture of the ulnar shaft: treatment without immobilization, **65A**, *339
Prieto, V. *with* **Samilson, R.L.** Dislocation arthropathy of the shoulder, **65A**, *456
Prietto, M. *with others*. Femoral varus-derotation osteotomy in spastic cerebral palsy, **67A**, *1229
Primm, D.D., Jr. Lead arthropathy – progressive destruction of a joint by a retained bullet: case report, **66A**, *292
Prince, H.G. *with others*. Adolescent idiopathic thoracic scoliosis: a prospective trial with and without bracing during postoperative care, **69B**, *13
Pring, D.J. Plantar ulcers: aetiology, treatment and prevention, **68B**, 844
with **Coombes, R.R.H.** *and* **Klosok, J.K.** Chevron or Wilson osteotomy: a comparison and follow-up, **67B**, 671
with **Williams, D.J.** Bipolar fixation of fractures of the distal radius: a comparative study, **68B**, 666
with others. Autologous granulocyte scanning of painful prosthetic joints, **68B**, *647
with others. Indium-111 granulocyte scanning in the painful prosthetic joint: a preliminary report, **67B**, 320
Pringle, J.A.G. *with* **Wilson, J.N.** *and* **Scales, J.T.** Local recurrence after prosthetic replacement for chondrosarcoma, **67B**, 497
Pringle, R.C. *Book reviews*, **69B**, 860
Pringle, R.G. Transfer lesions following middle metatarsal osteotomies, **68B**, 843
Pritchard, D. *Book reviews*, **67A**, 990
Pritchard, D.J. *with* **Cederberg, P.A.** *and* **Joyce, J.W.** Doppler-determined segmental pressures and wound-healing in amputations for vascular disease, **65A**, *363
with others. Extra-abdominal desmoid tumours, **66A**, *1369
with **Rock, M.G.** *and* **Unni, K.K.** Metastases from histologically benign giant-cell tumor of bone, **66A**, *269
with others. Osteosarcoma of the spine, **68A**, *660
Pritchett, J.W. Delayed union of humeral shaft fractures treated by closed flexible intramedullary nailing, **67B**, *715
Internal fixation of fractures and non-unions of the humeral shaft: indications and results in a multi-center study, **67A**, 1449(*correspondence*)
Lengthening the ulna in patients with hereditary multiple exostoses, **68B**, *561
Ossification of the coracoclavicular ligaments in ankylosing spondylitis: a case report, **65A**, *1017, 1356(*correspondence*)
The incidence of fabellae in osteoarthrosis of the knee, **66A**, *1379
with **Purdue, K.** The association of femoral retroversion with slipped capital femoral epiphysis, **69A**, 631(*correspondence*)
Pritsch, M. Carpal tunnel syndrome due to an anomalous distal end of the radius, **65A**, 136(*correspondence*)
with **Horoshovski, H.** *and* **Farine, I.** Arthroscopic treatment of osteochondral lesions of the talus, **68A**, *862
Pritsch, P. *with others*. Bicompartmental osteotomy of the knee, **67B**, 331
Pritzker, K.P.H. *with others*. A clinical and histological analysis of failed fresh osteochondral allografts, **69B**, 502
Prodromos, C.C. *with* **Andriacchi, T.P.** *and* **Galante, J.O.** A relationship between gait and clinical changes following high tibial osteotomy, **67A**, *1188
Profitt, A. *with* **Wiley, J.J.** Os calcis fractures in children, **66B**, 302
Proschek, R. *with others*. Osteomesopyknosis: case report, **67A**, *652
Provenzano, M.P. *with* **Holmes, P.F.** *and* **Tullos, H.S.** Atraumatic recurrent dislocation of hip: a case report, **69A**, *938
Prudhon, J.L. *with others*. Osteochondritis dissecans of the patella: a report of 25 cases, **66B**, 146
Prusick, V.R. *with* **Samberg, L.C.** *and* **Wesolowski, D.P.** Klippel-Feil syndrome associated with spinal stenosis: a case report, **67A**, *161
with others. Sciatica from a sciatic neurilemoma: a case report and review of the literature, **68A**, *1456
Pryor, G.A. *with* **Burman, W.D.** *and* **Sutcliffe, M.L.** Experience with the Zickel supracondylar fixation device, **68B**, 666
Pugh, J.L. *with* **Robertson, W.W., Jr.** *and* **Janssen, H.F.** The spread of tumor-cell-sized particles after bone biopsy, **66A**, *1243
Pulvertaft, R.G. *Book reviews*, **66B**, 623
Management of the upper limb in traumatic tetraplegia, **65B**, 222(*discussion*)
Pun, W.K. *with* **Luk, K.D.K.** Unrecognised compartment syndrome in a patient with tourniquet palsy, **69B**, *97
with others. *Mycobacterium marinum* infection of the hand and wrist: results of conservative treatment in twenty-four cases, **69A**, *1161
Purdue, K. *with* **Pritchett, J.W.** The association of femoral retroversion with slipped capital femoral epiphysis, **69A**, 631(*correspondence*)
Puri, R. *with* **Malhotra, D.** *and* **Owen, R.** Valgus deformity of the ankle in children with spina bifida aperta, **66B**, *381
with others. Slipped upper femoral epiphysis and primary juvenile hypothyroidism, **67B**, *14
Purnell, M.L. *with others*. Congenital dislocation of the peroneal tendons in the calcaneovalgus foot, **65B**, *316
Pynsent, P.B. *with* **Aldam, C.H.** *and* **August, A.C.** McKee–Farrar hip arthroplasty in Norwich: a long-term follow-up, **67B**, 497
with **August, A.C.** *and* **Aldam, C.H.** The McKee–Farrar hip arthroplasty: a long-term study, **68B**, *520
with **Fairbank, J.C.T.** *and* **Phillips, H.** The assessment of joint mobility in orthopaedic research, **65B**, 656
with others. Mechanical factors in the incidence of adolescent patello-femoral pain, **66B**, 279
with others. Mechanical factors in the incidence of knee pain in adolescents and young adults, **66B**, *685

Q

Qazi, A.A. Conservative treatment of congenital dislocation of the hip in infants aged two to eight months, **67B**, 492(*discussion*)
Quaglinolo, V. *with* **Gennari, L.** *and* **Azzarelli, A.** A posterior approach for the excision of sacral chordoma, **69B**, *565
Quain, S. *with* **Catterall, A.** Hinge abduction of the hip: diagnosis and treatment, **68B**, *61
Quanzhi, Z. *with* **Shiqing, X.** *and* **Dehao, F.** Significance of the straight-leg-raising test in the diagnosis and clinical evaluation of lower lumbar intervertebral-disc protrusion, **69A**, *517
Quencer, R.M. *with* **Eismont, F.J.** *and* **Green, B.A.** Post-traumatic spinal-cord cyst: a case report, **66A**, *614
Quinby, J.M. *with* **Ions, G.K.** *and* **Stevens, J.** A two-year prospective study of intracapsular femoral neck fractures: mortality and mechanical failure, **68B**, 157
Quinton, D.N. *with* **Finlay, D.** *and* **Butterworth, R.** The elbow fat pad sign, **69B**, *844(*brief report*)

R

Raby, P.L. *with others*. The role of a compression plate in the treatment of diaphysial fractures of the femur, **66B**, 296
Racette, W.L. *with others*. Prefabricated functional braces for the treatment of fractures of the tibial diaphysis, **66A**, *1328
Rackemann, S.C. *with* **McGuire, T.P.** Open reduction of supracondylar fractures, **68B**, 336
Raczka, R. *with* **Weinert, C.R., Jr.** Recurrent dislocation of the superior tibiofibular joint: surgical stabilization by ligament reconstruction, **68A**, *126
Radda, G.J. *with* **Newman, R.J.** *and* **Smith, R.** Phosphorus nuclear magnetic resonance (31P NMR) and hypophosphataemia, **65B**, 91
Radford, P. *with* **Johnson, D.P.** *and* **Houghton, T.A.** Anterior midline or medial parapatellar incision for arthroplasty of the knee: a comparative study, **68B**, *812
Radin, E.L. *Book reviews*, **66A**, 156; **67A**, 510
Book reviews, **69A**, 477
with others. Architectural changes in the proximal femur following prosthetic insertion, **65B**, 91

* Indicates full article or appreciable part

Rae, T. *with others*. A preliminary report on the use of carbon composite plates in forearm fractures, **68B**, 161
Ragsdale, C.G. *with* **Hensinger, R.N.** *and* **DeVito, P.D.** Changes in the cervical spine in juvenile rheumatoid arthritis, **68A**, *189
Railton, G.T. *with* **Aronstam, A.** Early bleeding into upper limb muscles in severe haemophilia: clinical features and treatment, **69B**, *100
Raine, G.E.T. *Book reviews*, **68B**, 167
Rainville, K.L. *with others*. Fine-needle aspiration biopsy of bone, **65A**, *522
Raitt, D.G. *with others*. Subarachnoid block or general anaesthesia?: a study of the stress response during and after surgery for prosthetic replacement of fractured neck of femur, **65B**, 660
Rajan, K. *with others*. Technical aspects of lumbar stabilisation with Luque instrumentation for low-back problems, **66B**, 299
Rajasekaran, S. *with* **Shanmugasundaram, T.K.** Prediction of the angle of gibbus deformity in tuberculosis of the spine, **69A**, *503
Rajgopal, A. *with* **Hayes, A.G.** Tibial plateau fractures, **66B**, 282
Raji, A.R.M. *with* **Bowden, R.E.M** Effects of high-peak pulsed electromagnetic field on the degeneration and regeneration of the common peroneal nerve in rats, **65B**, *478
Rajoo, R.D. Closed vertebral biopsy: the Durban experience, **69B**, 680
Ráliš, H. *with others*. Histological types of bone weakness underlying femoral neck fractures: are there any differences between trochanteric and subcapital fractures?, **67B**, 844
Ráliš, Z.A. Bone quality defect: a more significant factor than osteopenia in patients with fracture of the femoral neck, **65**, 656
with **Howard, C.B.** *and* **McKibbin, B.** Dexon as a replacement for the calcaneal tendon in sheep, **67B**, *313
with **Miller, G.F.** *and* **McKibbin, B.** The survival of experimental articular cartilage xenografts, **67B**, 158
with **Tayton, K.J.J.** *and* **Phillips, G.E.** Long-term effects of implanted carbon fibre on soft tissues, **65B**, 91
with others. Flexible carbon fibre in late ligamentous reconstruction for instability of the knee, **66B**, *196
with others. Histological types of bone weakness underlying femoral neck fractures: are there any differences between trochanteric and subcapital fractures?, **67B**, 844
Radcliff, S.S. *with others*. The management of infected total knee replacements, **67B**, *764
Raine, G.E.T. *Book reviews*, **67B**, 165
Rajan, U. *with others*. Idiopathic scoliosis: prevalence and ethnic distribution in Singapore schoolchildren, **67B**, *182
with others. Treatment of osteopenia and bone quality defect by fluoride, Vitamin D and calcium in patients with fracture of the femoral neck, **66B**, *344
Ralphs, J. *with others*. Ultrastructural changes in the osteoid of patients with fibrogenesis imperfecta ossium, **67B**, 318
Ralston, E.L. Nicholson, Jesse Thompson, **69A**, 1112(*obituary*)
Ramamurthy, S. *with* **Smith, S.E.** *and* **DeLee, J.C.** Ilioinguinal neuralgia following iliac bone-grafting: report of two cases and review of the literature, **66A**, *1306
Ramanathan, E.B.S. *with* **Chen, S.C.** The treatment of patellar instability by lateral release, **66B**, *344
Rambicki, D. *with others*. The development of tibiofibular torsion in normal and clubfoot populations, **69B**, 491
Ramon, R. *with others*. Perioperative cefamandole prophylaxis against infections, **69A**, *1189
with others. Prophylactic cefamandole in orthopaedic surgery, **66A**, *1219
Ranawat, C.S. *with* **Cornell, C.N.** Survivorship analysis of total hip replacements: results in a series of active patients who were less than fifty-five years old, **68A**, *1430
with **Lachiewicz, P.F.** *and* **Inglis, A.E.** Total ankle replacement in rheumatoid arthritis, **66A**, *340
with others. Conventional total hip arthroplasty for degenerative joint disease in patients between the ages of forty and sixty years, **66A**, *745
with others. Long-term results of revision total hip replacement: a follow-up report, **67A**, *513
with others. Results of revision for mechanical failure after cemented total hip replacement, 1979 to 1982: a two to five-year follow-up, **67A**, *1074
with others. Total hip arthroplasty in juvenile rheumatoid arthritis: two to eleven-year results, **68A**, *502
Rand, J.A. Anterior sacro-iliac arthrodesis for post-traumatic sacro-iliac arthritis: a case report, **67A**, *157
with **Bryan, R.S.** *and* **Chao, E.Y.S.** Failed total knee arthroplasty treated by arthrodesis of the knee using the Ace-Fischer apparatus, **69A**, *39
with **Bryan, R.S.** Reimplantation for the salvage of an infected total knee arthroplasty, **65A**, *1081
with **Chao, E.Y.S.** *and* **Stauffer, R.N.** Kinematic rotating-hinge total knee arthroplasty, **69A**, *489
with others. The early healing of tibial osteotomies stabilized by one-plane or two-plane external fixation, **69A**, *355
Rand, N. *with others*. Stress fractures and tibial bone width: a risk factor, **69B**, *326
Rand, W. *with others*. Cauda equina syndrome and lumbar disc herniation, **66B**, 298
with others. Cauda equina syndrome and lumbar disc herniation, **68A**, *386
Randolph, M.A. *with* **Nettelblad, H.** *and* **Weiland, A.J.** Free microvascular epiphyseal-plate transplantation: an experimental study in dogs, **66A**, *1421
with others. Histological characteristics of acute rejection in vascularized allografts of bone, **69A**, *410
Rang, M. *with* **Blackburn, N.** *and* **Thomas, C.** Tarsal coalitions presenting with pain, **68B**, 155
with **Blackburn, N.** The use of drill osteoclasis in correction of the malunited forearm fracture, **66B**, 302
with **Silver, R.L.** *and* **de la Garza, J.** The myth of muscle balance: a study of relative strengths and excursions of normal muscles about the foot and ankle, **67B**, *432
with **Ziv, I.** *and* **Hoffman, H.J.** Paraplegia in osteogenesis imperfecta: a case report, **65B**, *184
with **Ziv, I.** Treatment of femoral fracture in the child with head injury, **65B**, *276
Ransford, A.O. *Book reviews*, **65B**, 232
Diaphragmatic balance: a cause of progression in idiopathic scoliosis?, **69B**, 852
Luque instrumentation without fusion: an impossibility in the growing child, **69B**, 853
Sublaminar wires in neck fixation, **68B**, 681
with **Pozo, J.L.** *and* **Crockard, H.A.** Basilar impression in osteogenesis imperfecta, **66B**, *233
with others. A check list for spinal cord monitoring: is it a true or false-positive change, **69B**, 854
with others. A system for the electrophysiological monitoring of the spinal cord during operations for scoliosis, **65B**, *134
with others. Craniocervical instability treated by contoured loop fixation, **68B**, *173
with others. Multiple-level distraction instrumentation for adolescent idiopathic scoliosis, **68B**, 670
with others. One-stage transoral anterior decompression and posterior stabilisation in cervical myelopathy complicating rheumatoid arthritis, **67B**,498
with others. Osteoid osteoma and benign osteoblastoma of the spine, **66B**, *21
with others The behaviour pattern of the scoliosis associated with osteoid osteoma or osteoblastoma of the spine, **66B**, *16
with others. The role of computerised tomography in intervertebral disc prolapse, **68B**, *729
with others. Transoral decompression and posterior fusion for rheumatoid atlanto-axial subluxation, **68B**, *350
Ranstam, J. *with others*. Synovectomy of the knee in juvenile chronic arthritis: a retrospective, consecutive follow-up study, **68B**, *223
Rao, A. *with others*. Posterior fracture-dislocation of the distal part of the fibula: mechanism and staging of injury, **65A**, *1149
Rao, A.S. *with* **Vigorita, V.J.** Pigmented villonodular synovitis (giant-cell tumor of the tendon sheath and synovial membrane): a review of eighty-one cases, **66A**, *76
Rao, B.K. *with* **Lange, R.H.** *and* **Lange, T.A.** Correlative radiographic, scintigraphic, and histological evaluation of extoses, **66A**, *1454
Rao, J.P. *with* **Francis, A.M.** *and* **Siwek, C.W.** The treatment of chronic slipped capital femoral epiphysis by biplane osteotomy, **66A**, *1169
Rao, P.T. *with* **Panda, D.** Posterior tibial neurovascular decompression in plantar ulcers in leprosy, **67B**, 497
Rao, S. *with* **Thurston, A.J.** Congenital dislocation of the hip in the newborn: a postnatal survey, **67B**, 674
with **Tregonning, R.J.A.** Arthroscopy and arthrography of the knee menisci, **68B**, 678
Rappaport, Z.H. *with others*. Two-level fracture of the cervical spine in a young child: a case report with operative treatment, **65A**, *119
Raptis, S. *with* **Graves, S.E.** *and* **Potter, G.R.** Vascular injury in complete dislocation of bone, **68B**, 333
Rashkoff, E.S. *with* **Burkhalter, W.E.** *and* **Mann, R.J.** Septic arthritis of the wrist, **65A**, *824
Rashleigh-Belcher, H.J.C. *with* **Cannon, S.R.** Recurrent dislocation of the hip with a "Bankart-type" lesion, **68B**, *398
Raskob, G.E. *with* **Hull, R.D.** Prophylaxis of venous thromboembolic disease following hip and knee surgery, **68A**, *146(*current concepts review*), 1304(*correspondence*), 1465(*correspondence*)
with **Lofthouse, R.N.** *and* **Hull, R.D.** Methodological guidelines for clinical trials evaluating new therapeutic approaches in bone and joint surgery, **67A**, *1294(*current concepts review*)
Raso, J. *with others*. The torsional resistance of spinal fracture instrumentation, **69B**, 507
Rastogi, S. *with* **Duthie, R.B.** Fractures of the shaft of femur in road traffic accidents, **66B**, 615
with **Wild, B.R.** *and* **Duthie, R.B.** Biomechanical aspects of human femora fractured in automobile accidents, **67B**, 494
with **Wild, B.R.** *and* **Duthie, R.B.** Biomechanical aspects of femoral fractures in automobile accidents, **68B**, *760
Ratcliffe, S.S. *with others*. Stemmed revision arthroplasty for aseptic loosening of total knee replacement, **67B**, *242
with others. The treatment of infected total knee replacements, **67B**, 144
Ratliff, A.C.H. *Book reviews*, **67B**, 165
Arterial injuries after total hip replacement, **67B**, 517(*editorial*)

* Indicates full article or appreciable part

Ratliff, A.H.C. *Book reviews*, **66B**, 465; **66B**, 619
100th Birthday Tribute to Sir Harry Platt, **68B**, 697
with **Clough, J.R.** *and* **Buirski, G.** Malignant cartilage-cell tumours of the pelvis: is hindquarter amputation avoidable?, **68B**, 671
Rawlinson, J. *with* **Winson, I.G.** *and* **Broughton, N.S.** The treatment of metatarsalgia by sliding distal metatarsal osteotomy, **69B**, 156
Ray, A.K. *with others*. Spontaneous rupture of the extensor mechanism causing ulnar dislocation of the long extensor tendon of the long finger: two case reports, **66A**, *1108
Ray, R.D. *with* **Gleason, T.F.** *and* **Goldstein, W.M.** Function of anconeus muscle: an electromyographic study, **65A**, 1031 (*correspondence*)
Rayan, G.M. *with* **Hayes, M.** Entrapment of the flexor digitorum profundus in the ulna with fracture of both bones of the forearm: report of a case, **68A**, *1102
Raycroft, J.F. *with* **Burkus, J.K.** *and* **Moore, D.W.** Valgus deformity of the ankle in myelodysplastic patients: correction by stapling of the medial part of the distal tibial physis, **65A**, *1157
with others. Intraspinal rhizotomy and distal cordectomy in patients with myelomeningocele, **68A**, *88
with others. Talectomy for equinovarus deformity in myelodysplasia, **67A**, *21
Raymond, A.K. *with* **Ayala, A.G.** *and* **Murray, J.A.** Osteoid-osteoma: intraoperative tetracycline-fluorescence demonstration of the nidus, **69A**, 310(*correspondence*)
with others. Osteoid-osteoma: intraoperative tetracycline-fluorescence demonstration of the nidus, **68A**, *747
Rayner, C.R.W. *with* **Wade, P.J.F.** Total thumb reconstruction using an osteocutaneous forearm flap, **67B**, 153
Read, C.J. *with* **Gräbe, R.P.** *and* **Elliot, A.C.** Treatment of pertrochanteric fractures of the femur with flexible intramedullary nails, **67B**, 504
Read, G.O. A reliable method of local anaesthesia for diagnostic and operative arthroscopy of the knee, **66B**, 454
with **Dymond, I.W.O.** An approach providing immediate functional movement of the postoperative knee and hip, **66B**, 453
with **Rossouw, P.** The closed technique of intramedullary nailing of femoral fractures, **66B**, 459
Read, L. The structural abnormality in hallux valgus: is it the same in all the groups?, **65B**, 367
with **Galasko, C.S.B.** Delay in diagnosing Duchenne muscular dystrophy in orthopaedic clinics, **68B**, *481
with **Galasko, C.S.B.** Screening for CDH and the clicking hip, **69B**, 490
with **Wooller, D.M.** Phenol ablation of the lateral nail bed margin for ingrowing great toenail, **68B**, 845
with others. Chondrolysis mediated by non-invasive tissues in rheumatoid arthritis, **68B**, 840
with others. Scoliosis and other orthopaedic problems in Duchenne muscular dystrophy: a review of 82 cases, **65B**, 221
with others. The management of equinus deformity in Duchenne muscular dystrophy, **66B**, *546
Reagan, B.F. *with others*. Irrigating solutions for arthroscopy: a metabolic study, **65A**, *629
Reboul, C. *with others*. The Bankart procedure; its reliability among sportsmen, **66B**, 140
Rechtine, G.R. *with* **Reinert, C.M.** *and* **Bohlman, H.H.** The use of epidural morphine to decrease postoperative pain in patients undergoing lumbar laminectomy, **66A**, *113
Reckling, F.W. *Book reviews*, **66A**, 1503
Reddi, A.H. *with* **Wientroub, S.** Bone induction properties of irradiated bone matrix, **67B**, 317
Redfern, T.R. *with* **Owen, R.** The transverse posterior approach to the neck, **67B**, *616
with others. Urinary retention in men after total hip arthroplasty, **68A**, *1435
Redman, D.S. *with* **McCarthy, R.E.** *and* **Jimenez, J.F.** Sarcoidosis in the long bones of a child: a case report and review of the literature, **65A**, *1010
Reed, M.H. *with* **McPherson, J.** *and* **Black, G.B.** Traumatic "pseudodislocation" of the acromioclavicular joint in children, **69B**, 507
with **Rogalsky, R.J.** *and* **Black, G.B.** Orthopaedic manifestations of leukaemia in children, **68A**, *494
with **Rogalsky, R.J.** *and* **Black, G.B.** Orthopaedic manifestations of leukaemia in children, **69B**, 506
Rees, J.A. *with others*. Distribution of alkaline phosphatase activity in experimentally produced callus in rats, **68B**, *629
Regan, J.J. *with* **McAfee, P.C.** *and* **Bohlman, H.H.** Cervical cord compression from ossification of the posterior longitudinal ligament in non-orientals, **69B**, *569
Regan, M.W. *with* **Marsh, C.H.** *and* **Kirkup, J.R.** The Bath and Wessex ankle arthroplasty, **69B**, 153
Regan, W.D. *with* **Fowler, P.J.** Management of the deltoid ligament disruption in fracture-dislocation of the ankle, **69B**, 504
Regazzoni, P. *with others*. Free segmental bone allografts with microsurgical revascularisation and short-term immunosuppression by cyclosporin A, **68B**, 498
Reger, S.I. *with others*. A bow for application of traction to the spine: technical note, **68A**, * 306
with others. The effect of core decompression on femoral head blood flow in steroid-induced avascular necrosis of the femoral head, **67A**, *121
Rehder, U. *with* **Binzus, G.** *and* **Weh, L.** Histomorphometric, metabolic and mechanical properties of osteoarthritic cartilage, **67B**, 843
Reid, D.C. *with* **Leung, P.** A study of the odontoid process, **68B**, 852
Reid, R. *with others*. Sarcoma at the site of a single hip screw: a case report, **69B**, *470
Reider, B. *with others*. Treatment of knee joint instability secondary to rupture of the posterior cruciate ligament: report of a new procedure, **65A**, *310
Reigstad, A. *with* **Grønmark, T.** Osteoarthritis of the hip treated by intertrochanteric osteotomy: a long-term follow-up, **66A**, *1
Reiman, H.M. *with others*. Extra-abdominal desmoid tumours, **66A**, *1369
Reinert, C.M. *with* **Rechtine, G.R.** *and* **Bohlman, H.H.** The use of epidural morphine to decrease postoperative pain in patients undergoing lumbar laminectomy, **66A**, *113
Reinholt, F.P. *with others*. Stereological studies on the epiphyseal growth plate in strontium-induced rickets: with special reference to the distribution of matrix vesicles, **66A**, *1274
Reinus, W.R. *with others*. Ultrasonographic evaluation of the rotator cuff and biceps tendon, **68A**, *440, 951(*correspondence*)
Reis, N.D. *with* **Ben-Arieh, Y.** Localization of a small tumor in the leg by magnetic resonance imaging: case report, **68A**, *929
with **Michaelson, M.** Crush injury to the lower limbs: treatment of the local injury, **68A**, *414
with others. Idiopathic transient osteoporosis of the hip, **69B**, *769
with others. Magnetic resonance imaging in orthopaedic surgery: a glimpse into the future, **67B**, *659
Reitsma, P.H. *with* **Boonekamp, P.M.** *and* **Bijvoet, O.L.M.** Differential actions of bisphosphonates on macrophage-mediated bone resorption, **65B**, 94
Relave, M. *with others*. Cementless salvage of failed total hip arthroplasty: four years' experience with the ceramic coated Bousquet prosthesis, **69B**, 509
Rende, R.J. *with others*. Arthrography in the diagnosis of fractures of the distal end of the humerus in infants, **68A**, *599
Renner, N. *with others*. Cyclosporin A and osteonecrosis of the femoral head, **69A**, *1226
Rennie, M.J. *with others*. Quadriceps muscle wasting and protein synthesis studied by stable isotope techniques in patients with unilateral fracture of the tibia, **68B**, 498
Rennie, W.R. *with* **Rubinovich, R.M.** Colles' fractures: a comparison of functional and radiographic end results, **66B**, 295
Renshaw, T.S. *with* **Dugdale, T.W.** Instability of the patellofemoral joint in Down syndrome, **68A**, *405
with **Heilbronner, D.M.** Spondylothoracic dysplasia: a case report, **66A**, *302
with **Lovallo, J.L.** *and* **Banta, J.V.** Adolescent idiopathic scoliosis treated by Harrington-rod distraction and fusion, **68A**, *1326
Repo, R.U. Evaluation of the Wolf osteotomy, **67B**, 326
Reschauer, R. *with others*. Injuries to the tarsometatarsal joint: incidence, classification and treatment, **65B**, 98
Resnick, C.T. *with* **Brumfield, R.H., Jr.** Synovectomy of the elbow in rheumatoid arthritis, **67A**, *16
Resnick, D. Arthrography of the wrist joint: an experimental study, **66A**, 1145(*correspondence*)
Ossification of the coracoclavicular ligaments in ankylosing spondylitis: a case report, **65A**, 1356(*correspondence*)
with others. A comparison of conventional radiography and computed tomography in the evaluation of spiral fractures of the tibia, **67A**, *1388
Resnick, D.R. *Book reviews*, **69A**, 158
Restall, D. *with* **Lehto, M.** *and* **Duance, V.C.** Collagen and fibronectin in a healing skeletal muscle injury: an immunohistological study of the effects of physical activity on the repair of injured gastrocnemius muscle in the rat, **67B**, *820
Retting, A.C. *with* **Lombardo, S.J.** *and* **Kerlan, R.K.** Radiographic abnormalities of the iliac apophysis in adolescent athletes, **65A**, *444
Revel, J.J. *with others*. Osteochondritis dissecans of the patella: a report of 25 cases, **66B**, 146
Revell, P.A. *with* **Bolton-Maggs, B.G.** *and* **Helal, B.H.** Bilateral avascular necrosis of the capitate, **66B**, *557
with others. The composition of normal and osteoarthritic articular cartilage from human knee joints: with special reference to unicompartmental replacement and osteotomy of the knee, **66A**, *95
with others. The mechanical properties of cement and loosening of the femoral component of hip replacements, **69B**, *558
Revell, W.J. *with* **Heatley, F.W.** The use of glutaraldehyde-treated bovine meniscal fibrocartilage to replace osteochondral defects of the dog patella, **68B**, 842
Reyes, E. *with* **Lowrie, I.G.** *and* **Meggitt, B.F.** Functional recovery of tibial shaft fractures: fixed versus hinged ankle cast brace, **69B**, 153
Reyes, F. *with* **Calkins, M.S.** *and* **Burkhalter, W.** Traumatic segmental bone defects in the upper extremity: treatment with exposed grafts of corticocancellous bone, **69A**, *19
Reynolds, D.A. *Book reviews*, **65B**, 684; **67B**, 167
Chiari innominate osteotomy in adults: technique, indications and contra-indications, **68B**, *45
Rhenter, J.L. *with others*. The intramedullary screwed hip prosthesis: the reimplantation of loose or infected prostheses, **66B**, 300

* Indicates full article or appreciable part

Rhoades, C.E. *with* **Mowery, C.A.** *and* **Gelberman, R.H.** Results of internal neurolysis of the median nerve for severe carpal-tunnel syndrome, **67A**, *253
Rhodes, M.A. Limb-salvage treatment versus amputation for osteosarcoma of the distal end of the femur, **69A**, 792(*correspondence*)
Riba, J. *with others*. Prophylactic cefamandole in orthopaedic surgery, **66A**, *1219
Rice, J. *with* **Southwood, R.T.** *and* **McDonald, R.** Rifampicin compared to flucloxacillin in controlling experimental staphylococcal infection in rabbit hip arthroplasties, **69B**, 165
with others. Infection in experimental hip arthroplasties II: gentamicin-incorporated bone cement, **68B**, 338
Rice, J.L. *with others*. Infection in experimental hip arthroplasties, **67B**, *229
Rice, S. *with others*. A new surgical approach to fractures of the lateral tibial plateau, **66A**, *1236
with others. Posterior fracture-dislocation of the distal part of the fibula: mechanism and staging of injury, **65A**, *1149
Richard, R. *with* **Kostuik, J.P.** Single-stage anterior decompression and stabilisation of thoracolumbar burst injuries, **67B**, 328
Richards, B.S. *with* **Coleman, S.S.** Subluxation of the femoral head in coxa plana, **69A**, *1312
Richards, D. Discitis following lumbar surgery, **68B**, 159(*discussion*)
with others. CT scanning in total hip replacement for secondary osteoarthritis in CDH, **68B**, 669
Richards, H.J. Arthur Orfeur Parker, **65B**, 511(*obituary*)
The measurement of flexure stiffness in a fractured tibia, **67B**, 845
Richards, J. *with* **Mintowt-Czyz, W.** Evidence for a biphasic healing pattern in tibial fracture healing, **68B**, 839
Richards, R.R. *with* **Nunley, J.A.** *and* **Urbaniak, J.R.** Twenty-one severe open tibial fractures treated by free tissue transfer, **68B**, 850
with **Nunley, J.A.** *and* **Urbaniak, J.R.** The result of free tissue transfer in the management of lower extremity trauma, **67B**, 335
with **Waddell, J.P.** The role of shoulder fusion in the management of brachial plexus palsy, **67B**, 336
with others. Anterior cruciate reconstruction using the MacIntosh lateral-substitution over-the-top repair, **67A**, *1183
with others. Experiences with the Madreporic hip system, **69B**, 508
Richardson, E.G. *with* **Hubbard, C.N.** Pseudo-obstruction of the colon: a postoperative complication in orthopaedic patients, **65A**, *226
Richardson, J.B. *with others*. A controlled multicentre trial of the influence of axial micromovement on the healing of tibial diaphyseal fractures, **68B**, 498
with others. Attenuation of sound transmission in congenital dislocation of the hip, **69B**, 850
Richardson, R.A. *with others*. Acromioclavicular joint injuries: a five-year review of conservatively treated patients, **69B**, 490
with others. The conservative treatment of acromioclavicular dislocation: review after five years, **69B**, *719
Richman, J.A. *with* **Whitehill, R.** *and* **Glaser, J.A.** Failure of immobilization of the cervical spine by the halo vest: a report of five cases, **68A**, *326
Richter, K.J. Clinical significance of the erythrocyte sedimentation rate in orthopaedic surgery, **69A**, 794(*correspondence*)
Rickard, T.A. *with others*. Operative treatment of intra-articular fractures of the dorsal aspect of the distal phalanx of digits, **69A**, *892
with others. Treatment of selected patients with an ununited fracture of the proximal part of the scaphoid by excision of the fragment and insertion of a carved silicone-rubber spacer, **66A**, *510
Rickards, D. *with* **Chapman, J.A.** Computerised tomography of the anterio cruciate ligament, **66B**, 282
Rickards, R. *with* **Duncan, C.P.** The collar–calcar contact controversy, **68B**, 851
Riddle, J.M. *with others*. The tibial subchondral plate: a scanning electron microscopic study, **69A**, *1212
Ridley, M. *Book reviews*, **69B**, 859
Riegler, H.F. Reconstruction for lateral instability of the ankle, **66A**, *336
Rigault, P. *with* **Badelon, O.** The congenital flat foot: a borderline condition between the congenital vertical talus and the severe flat foot, **67B**, 489
Rigby, H.S. *with* **Shakespeare, D.T.** The bucket-handle tear of the meniscus: a clinical and arthrographic study, **65B**, *383
with others. An investigation of the influence of applied micromovement on experimental non-union of fractures, **68B**, 840
with others. The application of photon absorption densitometry to the assessment of fracture healing, **69B**, 495
Riley, D. *with* **Woodyard, J.E.** Long-term results of Geomedic total knee replacement, **67B**, *548
Riley, L. *with others*. Primary neoplasms of the cervical spine: diagnosis and treatment of twenty-three patients, **68A**, *483
Riley, L.H. *with others*. Pyogenic osteomyelitis of the occiput, the atlas, and the axis: a report of five cases, **69A**, *1069
Riley, L.H., Jr. *with* **White, G.M.** Isolated avulsion of the subscapularis insertion in a child: a case report, **67A**, *635
with others. The anterior retropharangeal approach to the upper part of the cervical spine, **69A**, *1371
Riley, P.M. *with* **Gillespie, R.** *and* **Koreska, J.** Severe spondylolisthesis and spondyloptosis: results of posterolateral fusion in children and adolescents, **68B**, 856
with others. The perils of internal fixation in slipped capital femoral epiphysis, **68B**, 856
Rimnac, C.M. *with* **Wright, T.M.** *and* **McGill, D.L.** The effect of centrifugation on the fracture properties of acrylic bone cements, **68A**, *281, 1127(*correspondence*)
Rineberg, B.A. *with others*. Fracture of the pedicle of the fourth lumbar vertebra associated with contralateral spondylolysis: report of a case, **68A**, *1454
Rineberg, M.L. Public policy and orthopaedic surgery, **69A**, 959(*editorial*)
Ring, P.A. Uncemented acetabular replacement, **68B**, 669
Uncemented total hip replacement under the age of fifty, **65B**, 219
with **Brown, I.W.** Osteolytic changes in the upper femoral shaft following porous-coated hip replacement, **67B**, *218
with **Penman, H.G.** Osteosarcoma in association with total hip replacement, **66B**, *632
with others. Cementless fixation of the acetabular component of the hip, **66B**, 147
Ripley, M.J. *with* **Green, S.A.** Chronic osteomyelitis in pin tracks, **66A**, *1092
Rischien, M. *with* **Haw, C.S.** Posterolateral spinal fusion, **66B**, 785
Riseborough, E.J. *with* **Barrett, I.R.** *and* **Shapiro, F.** Growth disturbances following distal femoral physeal fracture-separations, **65A**, *885
Riska, E.B. *with* **Böstman, O.M.** *and* **Holmström, T.** Osteosarcoma arising in a melorheostotic femur: a case report, **69A**, *1232 *with* **Myllynen, P.** *and* **Böstman, O.** Anterolateral decompression for neural involvement in thoracolumbar fractures: a review of 78 cases, **69B**, *704
Ritchie, A. *with* **Cooke, P.H.** *and* **Goodship, A.E.** Biomechanical compatibility of cruciate ligament prostheses, **68B**, 496
Ritchie, D.M. Femoral neck offset: its significance in the practice of total hip replacement, **65B**, 665(*discussion*)
Rittenhouse, B. *with* **Lake, D.** *and* **Moreau, M.** Outpatient percutaneous heel cord lengthening for the treatment of equinus contractures in children, **68B**, 855
Ritter, M.A. Conversation in the operating theater as a cause of airborne bacterial contamination, **66A**, 472(*correspondence*)
with **Gioe, T.J.** Conventional versus resurfacing total hip arthroplasty: a long-term prospective study of concomitant bilateral implantation of prostheses, **68A**, *216, 1464(*correspondence*)
Rivard, C.H. *with others*. Correction of the kyphosis in myelomeningocele patients by both anterior and posterior stabilisation procedure, **66B**, 302
with others. Iliopsoas muscle transfer in low-lumbar myelomeningocele: parameters associated with a stable hip, **67B**, 333
with others. Long-term complications of innominate osteotomy in the treatment of Legg–Perthes disease, **67B**, 332
with others. Spinal segmental instrumentation for the treatment of all types of paralytic scoliosis, **66B**, 299
Rivero, D.P. *with others*. A comparative study of porous coatings in a weight-bearing total hip-arthroplasty model, **68A**, *1396
Rivett, A.G. *with others*. Autologous granulocyte scanning of painful prosthetic joints, **68B**, *647
with others. Indium-111 granulocyte scanning in the painful prosthetic joint: a preliminary report, **67B**, 320
Roach, H.I. *with others*. The acute-phase response of plasma proteins as an aid to the diagnosis of infection in joint replacements, **69B**, 157
Roach, J.W. *with others*. Atlanto-axial instability and spinal cord compression in children – diagnosis by computerized tomography, **66A**, *708
Roaf, R. *Book reviews*, **66B**, 624
Choice of implants for correction of scoliosis: a mechanical analysis, **69B**, 852
Roarty, J.S. *Presidential Address*, Australian Orthopaedic Association, **65B**, 94
Robbins, H. *with* **Lozman, H.** Injury to the superior gluteal artery as a complication of total hip-replacement arthroplasty: a case report, **65A**, *268
Roberson, J.R. Excessive metal release due to loosening and fretting of sintered particles on porous-coated hip prostheses, **69A**, 310(*correspondence*)
with **Dimon, J.H., III.** Myofibrosis and joint contractures caused by injections of pentazocine: a case report, **65A**, *1007
Roberts, J. Supracondylar fractures of the humerus in childhood: the use of overhead skeletal traction, **65B**, 675(*discussion*)
Roberts, J.A. Angulation of the radius in children's fractures, **68B**, *751
Gallium-67 citrate scanning in orthopaedics **65B**, 517(*discussion*)
Paget's disease and metastatic carcinoma: a case report, **68B**, *22
with **Finlayson, D.F.** *and* **Freeman, P.A.** The long-term results of the Howse total hip arthroplasty: with particular reference to those requiring revision, **69B**, *545
with **Loudon, J.R.** Vesico-acetabular fistula, **69B**, *150(*brief report*)

* Indicates full article or appreciable part

Roberts, J.M. Congenital dislocation of the hip: a connective tissue disease?, **65B**, 673(*discussion*)
Double-level fractures of the cervical spine, **65B**, 520(*discussion*)
with others. Chronic atlanto-axial instability in Down syndrome, **67A**, *1356
with others. Delayed paraplegia complicating sublaminar segmental spinal instrumentation, **68A**, *556
with others. Kawasaki syndrome presenting as pyarthrosis of the hip: a case report, **68A**, *467
with others. Late complications due to wire breakage in segmental spinal instrumentation: report of two cases, **65A**, *1339
Roberts, N. Goronwy Evan Thomas, **67B**, 138(*obituary*)
Roberts, P.H. *with others.* A comparison of flexion and extension regimes after knee replacement, **67B**, 488
Roberts, S. *with others.* Chemical and mechanical changes in the articular cartilage of the femoral head in osteoarthritis and subcapital fracture, **66B**, 288
with others. Mechanical and biochemical properties of human articular cartilage in osteoarthritic femoral heads and in autopsy specimens, **68B**, *278
with others. Mechanical and biochemical properties of human articular cartilage from the femoral head after subcapital fracture, **68B**, *418
Robertson, D.E. *with others.* A reappraisal of the Ring metal-on-metal total hip prosthesis: an argument for a stemmed acetabular component design, **67B**, 331
Robertson, J.A. *with* **Fernandez, G.N.** The anterior cruciate-deficient knee treated by modified Marshall–MacIntosh repair, **69B**, 160
Robertson, K.P. *with* **Emery, R.J.H.** *and* **Williams, D.H.** Distal metatarsal osteotomy for painful plantar keratoses: a day case treatment, **68B**, 844
Robertson, R.W. *with* **Inglis, G.S.** *and* **Morkane, A.J.** Segmental phenolisation for the treatment of ingrown toenails: a randomised controlled study, **65B**, 519
Robertson, W.W., Jr. *with* **Janssen, H.F.** *and* **Pugh, J.L.** The spread of tumor-cell-sized particles after bone biopsy, **66A**, *1243
Robie, B.H. *with others.* Neuropraxia of the cervical spinal cord with transient quadriplegia, **68A**, *1354
Robin, G.C. *with others.* Spondylosis in the upper lumbar spine: a study of 32 patients, **69B**, *582
Robin, J. *with others.* Dermatitis due to orthopaedic implants: a review of the literature and report of three cases, **69A**, *1408
Robins, R.H. Non-union of the carpal scaphoid treated by wedge grafting, **66B**, 277(*discussion*)
Robins, R.H.C. *Book reviews*, **68B**, 514
Hand assessment charts: a realistic approach, **67B**, 154
Robinson, C.A. *with others.* Heparin-associated thrombocytopenia with venous thrombosis: a case report, **67A**, *1123
Robinson, P.R. The changing scene of trauma, **66B**, 783
Robinson, R.A. *with others.* Primary neoplasms of the cervical spine: diagnosis and treatment of twenty-three patients, **68A**, *483
with others. Pyogenic osteomyelitis of the occiput, the atlas, and the axis: a report of five cases, **69A**, *1069
with others. The anterior retropharangeal approach to the upper part of the cervical spine, **69A**, *1371
Roblot, P. *with others.* Metastases of a lingual epidermoid carcinoma in a femur affected by Paget disease: report of a case, **69A**, *1440
Robotti, G. *with others.* The lower-extremity musculature in chronic symptomatic instability of the anterior cruciate ligament, **67A**, *1034
Rocha, E.F. *with others.* Bilateral fracture of the pedicle of the second vertebra in the young child, **68A**, *892
Rock, M. *with* **Gherlinzoni, F.** *and* **Picci, P.** Chondromyxoid fibroma: the experience at the Instituto Ortopedico Rizzoli, **65A**, *198
with others. Giant-cell tumor of bone in skeletally immature patients, **65A**, *486
Rock, M.G. *with* **Campanacci, M.** *and* **Capanna, R.** Sacro-coccygeal chordoma, **68B**, 849
with **Kruger, G.D.** *and* **Munro, T.G.** Condensing osteitis of the clavicle: a review of the literature and report of three cases, **69A**, *550 *with* **Langer, F.** *and* **Cofield, R.** Intercalary allograft and custom Neer prosthesis after en bloc resection of the proximal humerus: early experience and complications, **69B**, 503
with **Pritchard, D.J.** *and* **Unni, K.K.** Metastases from histologically benign giant-cell tumor of bone, **66A**, *269
with **Sim, F.H.** *and* **Chao, E.Y.** Limb salvage procedures for primary bone tumours of the shoulder, **68B**, 849
with **Sim, F.H.** *and* **Unni, K.K.** Malignant giant-cell tumour of bone, **67B**, 328
with **Willis, R.B.** *and* **Hawkins, R.J.** Supracondylar fractures of the humerus in children: an analysis of open reduction and internal fixation, **68B**, 850
with others. Secondary malignant giant-cell tumor of bone: clinicopathological assessment of nineteen patients, **68A**, *1073
with others. Extra-abdominal desmoid tumours, **66A**, *1369
Rockwood, C.A., Jr. Keep the family together. (*First Vice-President's address*, American Academy of Orthopaedic Surgeons), **66A**, *800
with **Gerber, C.** Subcoracoid dislocation of the lateral end of the clavicle: a report of three cases, **69A**, *924
Roelke, M. *with others.* The synovial-like membrane at the bone-cement interface in loose total hip replacements and its proposed role in bone lysis, **65A**, *575
Roffman, M. *with others.* Anatomy of the normal knee as seen by magnetic resonance imaging, **68B**, *117
Rogalsky, R.J. *with* **Black, G.B.** *and* **Reed, M.H.** Orthopaedic manifestations of leukaemia in children, **68A**, *494
with **Black, G.B.** *and* **Reed, M.H.** Orthopaedic manifestations of leukaemia in children, **69B**, 506
Rogan, I.M. Arthroscopic debridement of the knee for osteoarthritis and abrasion arthroplasty, **68B**, 504
with **Craig, J.B.** A comparative study of the incidence of infection in open fractures of the tibia using an external fixation device or plaster cast immobilistion, **66B**, 459
Roger, B. *with* **Chaise, F.** Neurolysis of the common peroneal nerve in leprosy: a report on 22 patients, **67B**, *426
Rogers, F.R. *with* **Salibian, A.H.** *and* **Anzel, S.H.** The gluteus medius-tensor fasciae latae myocutaneous flap for infected Girdlestone procedures: report of two cases, **66A**, *1466
Rogers, J.F. *with* **Bennett, J.B.** *and* **Tullos, H.S.** Management of concomitant ipsilateral fractures of the humerus and forearm, **66A**, *552
Rokkanen, P. *with others.* Biodegradable internal fixation for malleolar fractures: a prospective randomised trial, **69B**, *615
Roles, N.C. *Book reviews*, **66B**, 310; **68B**, 169
Rollins, J. *with others.* Deep sepsis following total knee arthroplasty: ten-year experience at the University of California at Los Angeles Medical Center, **68A**, *226
Romanick, P.C. *with others.* Infection about the spine associated with low-velocity-missile injury to the abdomen, **67A**, *1195
Romanus, B. *with* **Lindahl, S.** *and* **Stener, B.** Accessory soleus muscle: a clinical and radiographic presentation of eleven cases, **68A**, *731
Romeyn, R.L. *with* **Herkowitz, H.N.** *and* **Rothman, R.H.** The indications for metrizamide myelography; relationship with complications after myelography, **65A**, *1144
Rondini, G. *with others.* Pathology of infantile cortical hyperostosis (Caffey's disease): report of a case, **67A**, *1417
Ronen, M. *with others.* Painful piezogenic heel papules: a case report, **67A**, *640
Roos, H. *with others.* Pre-operative and postoperative scintimetry after femoral neck fracture, **66B**, *49
Rööser, B. *with* **Rydholm, A.** *and* **Persson, B.M.** Primary myetomy for sarcoma, **68A**, *586
with **Rydholm, A.** Surgical margins for soft-tissue sarcoma, **69A**, *1074
with others. Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **69A**, 153(*correspondence*)
with others. Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **68A**, *538
Root, L. *with* **Goss, J.R.** *and* **Mendes, J.** The treatment of the painful hip in cerebral palsy by total hip replacement or hip arthrodesis, **68A**, *590
with **Miller, S.R.** *and* **Kirz, P.** Posterior tibial-tendon transfer in patients with cerebral palsy, **69A**, *1133
Roper, B.A. *Book reviews*, **65B**, 231; **67B**, 686
Avulsion of the distal pole of the patella in cerebral palsy, **67B**, 846(*discussion*)
with **Sudlow, R.A.** The Trendelenburg test after differing approaches to the hip joint, **67B**, 498
with **Thomas, A.M.C.** *and* **Ashfar, F.** Microfenestration of lumbar intervertebral disc, **67B**, 151
with others. A new unconstrained elbow: a prospective review of 60 replacements, **68B**, *566
with others. The Denham knee replacement (The British Orthopaedic Study Group), **67B**, 489
Rorabeck, C.H. The treatment of compartment syndromes of the leg, **66B**, *93
Unilateral facet dislocation of the cervical spine, **66B**, 147
with **Bourne, R.B.** *and* **Fowler, P.J.** The surgical treatment of exertional compartment syndrome in athletes, **65A**, *1245
with **Bourne, R.B.** *and* **Macnab, J.** Intra-articular ractures of the distal tibia: the pilon fracture, **66B**, 295
with **Bourne, R.B.** *and* **Nott, L.** Cemented vs non-cemented total hips: a preliminary report, **69B**, 508
with **Bourne, R.B.** The results of revision total knee arthroplasty using contemporary techniques, **68B**, 854
with **Fowler, P.J.** *and* **Nott, L.** The results of fasciotomy in the management of chronic exertional compartment syndrome, **69B**, 502
with **McLaren, A.C.** The pressure distribution under tourniquets, **67A**, *433
with **Miniaci, A.** Compartment syndrome as a complication of repair of a hernia of the tibialis anterior: a case report, **68A**, *1444
with others A six-year follow-up of infected total hip replacements managed by Girdlestone's arthroplasty, **66B**, *340
with others. A new technique of posterior fusion for instability of the cervical spine, **67B**, 327

* Indicates full article or appreciable part

Rorabeck, C.H., (*continued*)
with others. A prospective comparison of the cemented Kinematic II and cementless PCA total knee replacements, **69B**, 505 *with others*. Stability of ten configurations of the Hoffman external-fixation frame, **69A**, *734
with others. Ankle arthrodesis: a five year follow-up, **67B**, 326
with others. Total condylar and Oxford total knee replacements: a 3.3 year comparison, **67B**, 331
Roscoe, M. *with* **Ogilvie-Harris, D.J.** Reflex sympathetic dystrophy of the knee, **69B**, *804
Roscoe, M.A. *with* **Simmons, E.H.** The treatment of complete acromioclavicular dislocation, **66B**, 304
Rose, G.K. *Book reviews*, **67B**, 516; **68B**, 515
Ruptured tibialis posterior and other commonly missed pathology in the foot, **68B**, 843
with **Sankarankutty, M.** *and* **Stallard, J.** A clinical review of the orthotic treatment of myelomeningocele patients, **65B**, *242
with **Welton, E.A.** *and* **Marshall, T.** The diagnosis of flat foot in the child, **67B**, *71
Rose, M. *with* **Gillespie, W.J.** *and* **Elvy, G.A.** Orthopaedic patients and problem drinking, **66B**, 615
Rose, R.M. *with* **Kummer, F.J.** Corrosion of titanium/ cobalt-chromium alloy couples, **65A**, *1125
with others. Architectural changes in the proximal femur following prosthetic insertion, **65B**, 91
Rosen, G. *with others*. Pelvic Ewing's sarcoma: advances in treatment, **65A**, *738
Rosen, H. *with others*. Threaded non-cemented acetabular components in difficult hip arthroplasties, **69B**, 508
Rosenberg, A.E. *with others*. The treatment of adamantinoma of the tibia by wide resection and allograft bone transplantation, **69A**, *1177
Rosenberg, A.G. *with others*. Adult-onset hypophosphatemic osteomalacia secondary to neoplasm: a case report and review of the pathophysiology, **68A**, *134
Rosenberg, L. *with* **Cowell, H.R.** *and* **Hunziker, E.B.** The role of hypertrophic chondrocytes in endochondral ossification and in the development of secondary centers of ossification, **69A**, 159(*editorial*)
Rosenberg, L.C. The physis as an interface between basic research and clinical knowledge, **66A**, 815(*editorial*)
Rosenberg, T.D. *with others*. Treatment of knee joint instability secondary to rupture of the posterior cruciate ligament: report of a new procedure, **65A**, *310
Rosenbilds, M. *with others*. Experiments in arthroplasty infection using a rabbit hip model, **65B**, 664
Rosenblatt, J.E. *with* **Hall, B.B.** *and* **Fitzgerald, R.H.** Anaerobic osteomyelitis, **65A**, *30
Rosenfeld, S.R. *with* **Weinert, C.R., Jr.** *and* **Kahn, B.** Congenital syphilis: a case report, **65A**, *115
Rosenklint, A. *with others*. Long-term follow-up of meniscectomy in athletes: a prospective longitudinal study, **69B**, *80
Rosenqvist, R. *with others*. Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **68A**, *538
with others. Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **69A**, 153(*correspondence*)
with others. Mechanical loosening of total hip prostheses: a radiographic and roentgen stereophotogrammetric study, **68B**, *770
Rosenstein, B.D. *with others*. Total hip arthroplasty in juvenile rheumatoid arthritis: two to eleven-year results, **68A**, *502
Rosenthal, D.I. *with others*. Evaluation of Gaucher disease using magnetic resonance imaging, **68A**, *802
Rosenthal, R.E. *Book reviews*, **66A**, 1325
Reynolds, Fred C., **69A**, 313(*obituary*)
Rosenwasser, M.P. *with others*. The use of pulsing electromagnetic fields to achieve arthrodesis of the knee following failed total knee arthroplasty: a preliminary report, **65A**, *480
Rosman, M. *with* **Luba, R.** Bunions in children: treatment with a modified Mitchell osteotomy, **67B**, 334
Rosman, M.A. *with* **Vaughan, P.A.** *and* **Newman, N.M.** Results of long-term versus short-term intravenous antibiotic therapy in children with acute osteomyelitis, **69B**, 506
Ross, A.C. *with* **Chesterman, P.J.** Isolated avulsion of the tibial attachment of the posterior cruciate ligament in childhood, **68B**, *747(*brief report*)
with **Edgar, M.A.** Scoliosis in juvenile polyarthritis, **68B**, 159
with **Sneath, R.S.** *and* **Scales, J.T.** Endoprosthetic replacement of the humerus and elbow joint, **69B**, *652
with **Sneath, R.S.** *and* **Scales, J.T.** Massive prosthetic replacement of the humerus, distal humerus and elbow joint, **69B**, 154
with **Wilson, J.N.** *and* **Scales, J.T.** Massive prosthetic replacement of the proximal humerus, **67B**,496
with **Wilson, J.N.** *and* **Scales, J.T.** Endoprosthetic replacement of the proximal humerus, **69B**, *656
with others. Scoliosis in juvenile chronic arthritis, **69B**, *175
Ross, D.J. Hand assessment charts: a realistic approach, **67B**, 154(*discussion*)
with others. Tibial stress fracture in pyrophosphate arthropathy, **65B**, *474
Ross, E. *with* **Cole, W.G.** Treatment of subacute osteomyelitis in childhood, **68B**, 333
Ross, E.R.S. *with* **Cole, W.G.** Treatment of subacute osteomyelitis in childhood, **67B**, *443
with **Menelaus, M.B.** Open flexor tenotomy for hammer toes and curly toes in childhood, **66B**, *770
with others. A clinical and laboratory analysis of forearm fracture fixation with less than rigid implants, **65B**, 364
Ross, K.R. *with* **Glasgow, M.M.S.** The suprapatellar plica, **66B**, 280
with others. Multiple-level distraction instrumentation for adolescent idiopathic scoliosis, **68B**, 670
with others. The use of the pneumatic orthosis in osteogenesis imperfecta, **68B**, 668
Ross, R. *with others*. Antibodies against vitamin D derivatives: development of a solid-phase radio-immunoassay for 1,25-dihydroxycholecalciferol, **65B**, 91
Ross, R.E. *with* **Gourevitch, D.** *and* **Lawton, A.** A prospective randomised trial of functional bracing in Colles' fractures, **66B**, 776
Ross, S.D.K. *with others*. Normal human synovial fluid: osmolality and exercise-induced changes, **67A**, *1336
with others. Prefabricated functional braces for the treatment of fractures of the tibial diaphysis, **66A**, *1328
Ross, S.E. *with* **Bucholz, R.W.** *and* **Lawrence, K.L.** Fatigue fracture of the interlocking nail in the treatment of fractures of the distal part of the femoral shaft, **69A**, *1391
Rossouw, P. *with* **Craig, J.B.** *and* **Goosen, C.W.** A dynamic locking nail for fractures of the femur, **68B**, 507
with **Noll, B.J.** *and* **Ben-Itzhak, I.** A modified patellar realignment procedure for patellofemoral pain, **68B**, 504
with **Read, G.O.** The closed technique of intramedullary nailing of femoral fractures, **66B**, 459
Rostoker, G. *with others*. Dermatitis due to orthopaedic implants: a review of the literature and report of three cases, **69A**, *1408
Roth, J.H. *with* **Haddad, R.G.** Radiocarpal arthroscopy and arthrography in the diagnosis of ulnar wrist pain, **69B**, 501
with others. Intra-articular reconstruction of the anterior cruciate ligament with and without extra-articular supplementation by transfer of the biceps femoris tendon, **69A**, *275
with others. Partial biceps femoris tendon transfer as extra-articular augmentation of an intra-articular anterior cruciate ligament reconstruction, **69B**, 511
with others. Single finger replantation, **67B**, 330
with others. The results of replantation after amputation of a single finger, **67A**, *611
Rothman, R.H. *with* **Herkowitz, H.N.** *and* **Romeyn, R.L.** The indications for metrizamide myelography: relationship with complications after myelography, **65A**, *1144
with **Parke, W.W.** *and* **Brown, M.D.** The pharyngovertebral veins: an anatomical rationale for Grisel's syndrome, **66A**, *568
with **Stambough, J.L.** *and* **Booth, R.E., Jr.** Transient hypercorticism after epidural steroid injection: a case report, **66A**, *1115
with others. Intraspinal synovial cyst causing sciatica, **67A**, *865
with others. Recurrent posterior dislocation of the shoulder: treatment using a bone block, **67A**, *777
with others. Sciatica from a sciatic neurilemoma: a case report and review of the literature, **68A**, *1456
with others. The use of computerised tomography in evaluating non-visualised vertebral levels caudad to a complete block on a lumbar myelogram: a review of thirty-two cases, **69A**, *218
with others. The use of epidural steroids in the treatment of lumbar radicular pain: a prospective, randomized, double-blind study, **67A**, *63
Rothwell, A.G. Segmental phenolisation for the treatment of ingrown toenails: a randomised controlled study, **65B**, 519(*discussion*)
Synovium as a surface replacement, **66B**, 609
The role of computer-assisted tomography in the assessment of spinal fractures, **65B**, 520(*discussion*)
Roughley, P.J. *with* **McNicol, D.** *and* **McQueen, C.** Localisation of proteoglycan in the meniscus of the human knee joint, **65B**, 100
Roughneen, P. *with others*. The real cost of joint replacement, **68B**, 160
Rourke, C.M. *with others*. The synovial-like membrane at the bone-cement interface in loose total hip replacements and its proposed role in bone lysis, **65A**, *575
Rousso, I. *with* **Goldberg, I.** Voluntary habitual dislocation of the hip: a case report with follow-up by computed tomography, **66A**, *1117
Rovere, G. *Book reviews*, **68A**, 478
Rovner, R.A. *with* **Baird, R.A.** *and* **Malerich, M.M.** Fatal toxic shock syndrome as a complication of orthopaedic surgery: a case report, **66A**, *952
Row, P. *with* **Love, B.R.** *and* **Rush, J.H.** The development of a foot-pressure plate, **69B**, 165

* Indicates full article or appreciable part

Rowe, C.R. *with* **Zarins, B.** *and* **Ciullo, J.V.** Recurrent anterior dislocation of the shoulder after surgical repair: apparent causes of failure and treatment, **66A**, *159
with **Zarins, B.** Combined anterior cruciate-ligament reconstruction using semitendinosus tendon and iliotibial tract, **68A**, *160, 952(*correspondence*)
with others. Effect of patellectomy on the function of the quadriceps and hamstrings, **65A**, *390
Rowe, P.J. *with others*. A new method of hip function measurement, **69B**, 498
Rowley, D.I. Plaquenil and pulmonary embolism after low-friction arthroplasty, **67B**, 153(*discussion*)
Stress studies of the fractured ankle, **68B**, 844
Tibial fracture-healing patterns seen when using external skeletal fixation, **67B**, 146(*discussion*)
with **Edwards, J.** Helping the paraplegic to walk, **69B**, 173(*annotation*)
with **Norris, S.H.** *and* **Duckworth, T.** Ankle fractures: should we operate or not?, **66B**, 144
with **Norris, S.H.** *and* **Duckworth, T.** A simple method of gait analysis for the assessment of ankle fractures, **65B**, 366
with **Norris, S.H.** *and* **Duckworth, T.** A prospective trial comparing operative and manipulative treatment of ankle fractures, **68B**, *610
with **Norris, S.H.** *and* **Laurence, A.S.** The use of myoglobin assay to detect tourniquet ischaemia, **67B**, 160
with others. A controlled multicentre trial of the influence of axial micromovement on the healing of tibial diaphyseal fractures, **68B**, 498
with others. An operation for Freiberg's disease, **67B**,671
with others. Functional bracing: an alternative treatment for peri-articular fractures of the proximal tibia, **67B**, 145
Rowlingson, J. *with* **Simon, D.** *and* **Carron, H.** The use of epidural steroids in the treatment of lumbar radicular pain: a prospective, randomized, double-blind study, **67A**, 981(*correspondence*)
Rowlingson, J.C. *with* **Korbon, G.A.** *and* **Carron, H.** The use of epidural steroids in the treatment of lumbar radicular pain, **68A**, 788(*correspondence*)
Rowntree, M. Diagnostic vibrations, **65B**, 222(*discussion*)
Roy, A. *with others*. Long-term complications of innominate osteotomy in the treatment of Legg–Perthes disease, **67B**, 332
Roy, J. *with others*. Acetabular fractures: standardisation of surgical approaches, **66B**, 295
Royle, N.J. Absorbable suture lasso in the treatment of complete disruption of the acromioclavicular joint, **66B**, 789(*discussion*)
Rozenbilds, M. *with* **Foster, B.K.** *and* **Yates, R.** A pilot study of the growth potential of the physis in a sheep tibia model, **66B**, 778
with **Foster, B.K.** *and* **Yates, R.** Further results of distraction physeolysis in a sheep tibia model, **68B**, 333
with others. Infection in a hip prothesis model, **65B**, 100
with others. Infection in experimental hip arthroplasties, **67B**, *229
with others. Infection in experimental hip arthroplasties II: gentamicin-incorporated bone cement, **68B**, 338
Rubash, H.E. *with* **Harris, W.H.** Revision THA of cemented femoral components using modern cement techniques: six-year average follow-up study, **69B**, 509
Rubin, C.T. *with* **Lanyon, L.E.** Regulation of bone formation by applied dynamic loads, **66A**, *397
with **Lanyon, L.E.** The effect on bone remodelling of static and graded dynamic loads, **67B**, 318
Rubin, G. Amputations at the middle level of the foot: a retrospective and prospective study, **69A**, 791(*correspondence*)
Rubin, R.M. John L. Marshall, **65A**, 137(*obituary*)
Rubinovich, R.M. *with* **Rennie, W.R.** Colles' fractures: a comparison of functional and radiographic end results, **66B**, 295
Ruby, L.K. *with* **Stinson, J.** *and* **Belsky, M.R.** The natural history of scaphoid non-union: a review of fifty-five cases, **67A**, *428
Rudan, J. *with* **Cooke, T.D.V.** Combined tibial tubercle and valgus high tibial osteotomies for patellofemoral and medial compartment osteoarthritis of the knee joint, **69B**, 504
Rudan, J.F. *with* **Simurda, M.A.** High tibial osteotomies (valgus): a long-term follow-up, **69B**, 504
Rudd, W.S. *with others*. A prospective, randomized study of the management of severe ankle fractures, **67A**, *67
Ruddlesdin, C. *with others*. Total hip replacement in children with juvenile chronic arthritis, **66B**, 141
with others. Total hip replacement in children with juvenile chronic arthritis, **68B**, *218
Ruddy, R. *with others*. Metatrophic dwarfism: uncoupling of endochondral and perichondral growth, **69A**, *174
Rudicel, S. *with* **Esdaile, J.** The randomized clinical trial in orthopaedics: obligation or option?, **67A**, *1284
with **Esdaile, J.** The randomized clinical trial in orthopaedics: obligation or option?, **68A**, 1466(*correspondence*), 632(*correspondence*)
Rudin, B.J. *with others*. Hodgkin disease presenting as a lesion in the wrist: a case report, **69A**, *1246
Ruegsegger, E. *with others*. Bone loss in premenopausal and postmenopausal women: a cross-sectional and longitudinal study using quantitative computed tomography, **66A**, *1015
Ruegsegger, P. *with others*. Bone loss in premenopausal and postmenopausal women: a cross-sectional and longitudinal study using quantitative computed tomography, **66A**, *1015
Rüegsegger, P. *with others*. Changes in local bone density after knee arthroplasty: the use of quantitative computed tomography, **69B**, *407
Ruff, C. Bone-mineral content in the lower limb: relationship to cross-sectional geometry, **67A**, 1142(*correspondence*)
Ruff, C.B. *with* **Hayes, W.C.** Bone-mineral content in the lower limb: relationship to cross-sectional geometry, **66A**, *1024
Ruff, S. *with* **Wallace, R.** Posterior acetabular rim fractures, **69B**, 167
with others. The incidence of lumbar Scheuermann's disease in a selected adult Australian male population, **69B**, 166
Ruff, S.J. CT scans for traumatic hip dislocations and posterior-rim fractures, **66B**, 612(*discussion*)
Scheuermann's disease (spinal osteochondrosis) as an aetiological factor in lumbar disc prolapse in young persons, **66B**, 611
with **Taylor, T.K.F.** Hangman's fracture in an infant, **68B**, *702
with others. A reappraisal of acute traumatic central cord syndrome, **68B**, *708
with others. Scheuermann's disease and lumbar disc disorder, **65B**, 669
with others. The long-term results of wedge and compression fractures of the dorsolumbar spine without neurological involvement, **68B**, 334
Rush, G.A. *with* **Burke, S.W.** Hangman's fracture in a patient with osteogenesis imperfecta: case report, **66A**, *778
Rush, J.H. Supracondylar fractures of the humerus in childhood: the use of overhead skeletal traction, **65B**, 675
The surgical management of the knee in rheumatoid arthritis, **68B**, *336
with **Love, B.R.** *and* **Row, P.** The development of a foot-pressure plate, **69B**, 165
with **Vidovich, J.D.** *and* **Johnson, M.A.** Arterial complications of total knee replacement: the Australian experience, **69B**, *400
with others An interhospital criteria audit of infection in total hip joint replacement surgery, **65B**, 663
Rushton, N. *with* **Dandy, D.J.** *and* **Naylor, C.P.E.** The clinical, arthroscopic and histological findings after replacement of the anterior cruciate ligament with carbon fibre, **65B**, *308
with others. Three years after Colles' fracture: a prospective review, **69B**, *635
Rushton, S. *with* **Fahmy, N.R.M.** *and* **Galasko, C.S.B.** Prostaglandins, meniscal lesions, meniscectomy and osteoarthritis: an experimental study, **67B**, 159
with others. Osteolysis caused by mammary carcinoma: the response to diphosphonates and prostaglandin inhibitors, **65B**, 222
Rushworth, G. *with* **Burge, P.** *and* **Watson, N.** Patterns of injury to the terminal branches of the brachial plexus: the place for early exploration, **67B**, *630
Russell, B. *with others*. Is carpal tunnel release always successful?, **65B**, 222
Russell, I.S. *with others*. An interhospital criteria audit of infection in total hip joint replacement surgery, **65B**, 663
Russell, R.G.G. *with others*. Chemical measurement of bone GLA protein (BGP, osteocalcin): an indicator of bone metabolism, **65B**, 93
with others. Effects of vitamin D metabolites on human osteoblast-like cells *in vitro*, **66B**, 288
with others. Osteocalcin as a marker of bone metabolism, **67B**, 159
Russell, S.M. *with* **Jacobs, D.M.** *and* **Lipton, M.H.** Anaphylactic reactions following intradiscal injection of chymopapain under local anesthesia, **66A**, 806(*correspondence*)
Russo, G. *with* **Ferretti, A.** *and* **Cerullo, G.** Suprascapular neuropathy in volleyball players, **69A**, *260
Rutherford, A. Fractures of the lateral humeral condyle in children, **67A**, *851
Rutherford, A.D. Fractures of the lateral condyle of the humerus in children, **67B**, 676
Rutkow, I.M. Orthopaedic operations in the United States, 1979 through 1983, **68A**, *716
Rutkowski, S. *with others*. Prognosis of conus lesions due to fractures and fracture dislocations of the lumbar spine, **65B**, 670
Ruttle, P.E. *with others*. Local muscle flaps in the treatment of chronic osteomyelitis, **67A**, *175
Rüttner, J.R. *with* **Lothe, K.** *and* **Spycher, M.A.** Focal lacunar resorption in the articular cartilage of femoral heads, **67B**, *543
Ryan, J.R. *with* **Sangeorzan, B.J.** *and* **Salciccioli, G.G.** Prophylactic femoral stabilization with the Zickel nail by closed technique, **68A**, *991
Ryan, M. *with* **Taylor, T.K.F.** *and* **Hall, J.** Odontoid fractures in children, **69B**, 167
Ryan, M.D. Congenital dislocation of the hip: a connective tissue disease?, **65B**, 673(*discussion*)
Domestic rehabilitation of patients with fractures of the proximal femur, **66B**, 782(*discussion*)
Infected non-union treated by bone graft and stabilisation, **66B**, 782
Spinal fusion in the treatment of the nerve root entrapment syndrome, **65B**, 669(*discussion*)
with **Nachemson, A.** Adolescent idiopathic scoliosis: perinatal and environmental influence in a Swedish population and their relationship to curve severity, **68B**, 334
with **Pinczewski, L.** *and* **Taylor, T.K.F.** The management of hangman's fracture, **65B**, 98

* Indicates full article or appreciable part

Ryan, M.D., (*continued*)
with **Taylor, T.K.F.** Acute spinal cord compression in Scheuermann's disease, **65B**, 98
with **Taylor, T.K.F.** Avulsion of the ring apophysis in the lumbar region, **66B**, 785
with **Taylor, T.K.F.** Haematogenous spinal infection in adults: a 21-year review, **68B**, 335
with others. Prognosis of conus lesions due to fractures and fracture dislocations of the lumbar spine, **65B**, 670
with others. The effects of spinal fusion on the proteoglycans of the canine intervertebral disc: an experimental model for disc degeneration, **68B**, 334
Ryan, W.G. *with others.* Adult-onset hypophosphatemic osteomalacia secondary to neoplasm: a case report and review of the pathophysiology, **68A**, *134
Rydevik, B. *with others.* Results of treatment of severe carpal-tunnel syndrome without internal neurolysis of the median nerve, **69A**, *896
Rydholm, A. *with* **Rööser, B.** *and* **Persson, B.M.** Primary myectomy for sarcoma, **68A**, *586
with **Rööser, B.** Surgical margins for soft-tissue sarcoma, **69A**, *1074
with **Mjöberg, B.** *and* **Önnerfält, R.** Total hip arthroplasty with a low-modulus porous-coated femoral component: progress report, **67A**, 1142(*correspondence*)
Rydholm, U. *with others.* Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **68A**, *538
with others. Loosening of the porous coating of bicompartmental prostheses in patients with rheumatoid arthritis, **69A**, 153(*correspondence*)
with others. Surface replacement of the elbow in rheumatoid arthritis, **66B**, *737
with others. Synovectomy of the knee in juvenile chronic arthritis: a retrospective, consecutive follow-up study, **68B**, *223
Rymaszewski, L.A. *with* **Caullay, J.M.** Bony lacerations caused by assault, **66B**, *89
with others. Long-term effects of excision of the radial head in rheumatoid arthritis, **66B**, *109
Ryöppy, S. *with* **Heikkilä, E.** *and* **Louhimo, I.** The management of primary acetabular dysplasia: its association with habitual side-lying, **67B**, *25
with **Kallio, P.** *and* **Kunnamo, I.** Transient synovitis and Perthes' disease: is there an aetiological connection?, **68B**, *808
with **Sairanen, H.** Neonatal operative treatment of club foot: a preliminary report, **65B**, *320
Ryu, J. *with* **Watson, H.K.** *and* **Akelman, E.** Limited triscaphoid intercarpal arthrodesis for rotatory subluxation of the scaphoid, **68A**, *345

S

Saccone, G. *with others.* Characterisation of physeal chondrocytes in vitro, **69B**, 166
Sachs, B. *with others.* Scheuermann kyphosis: follow-up of Milwaukee-brace treatment, **69A**, *50
Sachs, B.L. *with others.* Primary neoplasms of the cervical spine: diagnosis and treatment of twenty-three patients, **68A**, *483
Sachs, R. *with others.* Instrumented measurement of anterior laxity of the knee, **67A**, *720
Sackett, J.F. *with* **Keene, J.S.** Diagnosis of vertebral fractures, **65A**, 135(*correspondence*)
Sadler, A.H. *with* **DiStefano, M.** Anterior dislocation of the hip with ipsilateral basicervical fracture: a case report, **67A**, *326
Sadler, C. Neuropraxia of the cervical spinal cord with transient quadriplegia, **69A**, 794(*correspondence*)
Sadr, B. *with* **Clark, D.W.** Dislocation following Thompson arthroplasty performed through the McFarland–Osborne approach to the hip, **67B**, 153
Sage, R. *with others.* Amputations at the middle level of the foot: a retrospective and prospective review, **68A**, *1061
Saini, S. *with others.* Evaluation of Gaucher disease using magnetic resonance imaging, **68A**, *802
Sainio, K. *with others.* Pneumatic tourniquet paralysis: case report, **65B**, *44
Sainsbury, R. *with* **Gillespie, W.J.** *and* **Armour, P.C.** The Christchurch Orthopaedic Geriatric Unit: the first year's experience, **67B**, 678
Sairanen, H. *with* **Ryöppy, S.** Neonatal operative treatment of club foot: a preliminary report, **65B**, *320
Saito, M. *with others.* The osteoblastic response to osteoarthritis of the hip: its influence on the long-term results of arthroplasty, **69B**, *746
Saito, S. *with* **Inoue, A.** *and* **Ono, K.** Intramedullary haemorrhage as a possible cause of avascular necrosis of the femoral head: the histology of 16 femoral heads at the silent stage, **69B**, *346
with **Takaoka, K.** *and* **Ono, K.** Tectoplasty for painful dislocation or subluxation of the hip: long-term evaluation of a new acetabuloplasty, **68B**, *55
with others. Hip joint operation utilising Bateman UPF prosthesis in Japan, **66B**, 301
Saito, S., (*continued*)
with others. Histological development of intervertebral disc herniation, **68A**, *1066
with others. The osteoblastic response to osteoarthritis of the hip: its influence on the long-term results of arthroplasty, **69B**, *746
Sakata, H. *with* **Usui, M.** *and* **Ishii, S.** Effect of fluorocarbon perfusion upon the preservation of amputated limbs: an experimental study, **67B**, *473
Sakurai, M. *with* **Miyasaka, Y.** Neural fibrosis and the effect of neurolysis, **68B**, *483
Salafsky, I. *with others.* Dysplasia of the knee associated with the syndrome of thrombocytopenia and absent radius, **66A**, *421
Salama, R. *with others.* Residual abduction of the forefoot: a review of the Turco procedure for congenital club foot, **69B**, *832
with others. The release of antineoplastic drugs from acrylic bone cement, **67B**, 845
Salamon, P.B. *with others.* Femoral anteversion: a clinical assessment of idiopathic intoeing gait in children, **69B**, *75
Salanova, C. Late results of Milwaukee brace, **69B**, 852
Salciccioli, G.G. *with* **Sangeorzan, B.J.** *and* **Ryan, J.R.** Prophylactic femoral stabilization with the Zickel nail by closed technique, **68A**, *991
Saleh, M. A comparative study of visual observation and quantitative measurement in the assessment of gait, **65B**, 659
Spontaneous rupture of the extensor mechanism causing ulnar dislocation of the long extensor tendon of the long finger: two case reports, **67A**, 505(*correspondence*)
with **Murdoch, G.** In defence of gait analysis: observation and measurement in gait assessment, **67B**, *237
Salibian, A.H. *with* **Anzel, S.H.** *and* **Rogers, F.R.** The gluteus medius-tensor fasciae latae myocutaneous flap for infected Girdlestone procedures: report of two cases, **66A**, *1466
with **Anzel, S.H.** *and* **Salyer, W.A.** Transfer of vascularized grafts of iliac bone to the extremities, **69A**, *1319
with **Anzel, S.H.** Salvage of an infected total knee prosthesis with medial and lateral gastrocnemius muscle flaps: a case report, **65A**, *681
Salo, J.M. *with* **Garcia-Elias, M.** Non-union of a fractured coracoid process after dislocation of the shoulder: a case report, **67B**, *722
Salot, W.H. H.E. Pedersen, **68A**, 1128(*obituary*)
Saltarelli, W.C. *with* **Viviani, G.R.** *and* **Upton, A.R.M.** Somatosensory evoked potentials before, during and after surgical correction of scoliosis, **67B**, 334
Salter, R.B The present status of surgical treatment of Legg-Perthes disease, **67A**, 1141(*correspondence*)
Salter, R.B. A comparison of flexion and extension regimes after knee replacement, **67B**, 488(*discussion*)
Advances in pediatric orthopaedics in North America, 1954-1987, **69A**, 1265
with **Briggs, R.D.** Loss of hamstring tightness in congenital dislocation of the hip: an aid to diagnosis in the infant, **69B**, 155
Conservative treatment of congenital dislocation of the hip in infants aged two to eight months, **67B**, 492(*discussion*)
Derotation osteotomy in the management of congenital dislocation of the hip, **67B**, 492(*discussion*)
Fracture of the neck of the radius in children: prognostic factors and recommendations for management, **67B**, 491(*discussion*)
Free vascularised fibular graft in the treatment of congenital pseudarthrosis of tibia, **67B**, 491(*discussion*)
The present status of surgical treatment of Legg-Perthes disease, **66A**, *961(*current concepts review*)
The relationship of ligamentous clicks arising from the newborn hip and congenital dislocation, **67B**, 491(*discussion*)
with **O'Driscoll, S.W.** *and* **Keeley, F.W.** The chondrogenic potential of free autogenous periosteal grafts for biological resurfacing of major full-thickness defects in joint surfaces under the influence of continuous passive motion: an experimental investigation in the rabbit, **68A**, *1017
with **O'Driscoll, S.W.** The induction of neochondrogenesis in free intra-articular periosteal autografts under the influence of continuous passive motion: an experimental investigation in the rabbit, **66A**, *1248
with **Thompson, G.H.** Legg-Calvé-Perthes disease: the prognostic significance of the subchondral fracture and a two-group classification of the femoral head involvement, **66A**, *479
Salvador, E. *with others.* Crush injury of the carpus, **67B**, *286
Salvati, E.A. *with* **Thomas, B.J.** *and* **Small, R.D.** The CAD hip arthroplasty: five to ten-year follow-up, **68A**, *640
with others. Conventional total hip arthroplasty for degenerative joint disease in patients between the ages of forty and sixty years, **66A**, *745
with others. Long-term results of revision total hip replacement: a follow-up report, **67A**, *513
with others. Pathological dislocation of the hip in neurofibromatosis: a case report, **65A**, *414
with others. Results of revision for mechanical failure after cemented total hip replacement, 1979 to 1982: a two to five-year follow-up, **67A**, *1074
with others. Total hip replacement for Paget's disease of the hip, **66A**, *752

Salyer, W.A. *with* **Salibian, A.H.** *and* **Anzel, S.H.** Transfer of vascularized grafts of iliac bone to the extremities, **69A**, *1319
Salzman, E.W. *with others.* Prophylaxis of deep-vein thrombosis after total hip replacement: dextran and external pneumatic compression compared with 1.2 or 0.3 gram of aspirin daily, **67A**, *57
Samani, D. *with* **Lucas, G.L.** Orthopaedic complications of Raynaud syndrome: a case report, **69A**, *1093
Sambandan, S. Crepitation simulating gas gangrene: a case report, **67A**, 1449(*correspondence*)
Samberg, L.C. *with* **Prusick, V.R.** *and* **Wesolowski, D.P.** Klippel-Feil syndrome associated with spinal stenosis: a case report, **67A**, *161
Samilson, R.L. *with* **Prieto, V.** Dislocation arthropathy of the shoulder, **65A**, *456
Samios, J. Touraine–Solente–Golé syndrome, **67B**, 150(*discussion*)
Samison, A.J. (correction of **Samuel, A.W.**) *with others.* Problems with the Attenborough knee prosthesis, **65B**, 226
Samuel, A.W. *with others.* A prospective study of parachute injuries in civilians, **69B**, *17
with others. Osteolysis caused by mammary carcinoma: the response to diphosphonates and prostaglandin inhibitors, **65B**, 222
Samuelson, K.M. *with others.* Stemmed revision arthroplasty for aseptic loosening of total knee replacement, **67B**, *242
Sanchez, R. *with others.* Crush injury of the carpus, **67B**, *286
Sandberg, R. *with others.* Operative versus non-operative treatment of recent injuries to the ligaments of the knee: a prospective randomized study, **69A**, *1120
Sanders, R. *Book reviews*, **65B**, 682
Sandin, B.M. *with others.* Axon regeneration and vascularisation of nerve grafts: an experimental study, **67B**,160
Sandor, S. *with* **Hart, J.A.L.** Rehabilitation of the knee joint following surgery for chronic instability, **65B**, 671
Sandow, M. *with* **Foster, B.K.** *and* **Southwood, R.T.** Supracondylar fractures of the humerus in childhood: the Flinders Medical Centre Experience (1976-1980), **65B**, 674
Sandow, M.J. *with* **Goodfellow, J.W.** The natural history of anterior knee pain in adolescents, **67B**, *36
Sanford, T.L. *with others.* Non-operative treatment of the torn anterior cruciate ligament, **65A**, *184
Sangeorzan, B.J. *with* **Ryan, J.R.** *and* **Salciccioli, G.G.** Prophylactic femoral stabilization with the Zickel nail by closed technique, **68A**, *991
Sankarankutty, M. *with* **Rose, G.K.** *and* **Stallard, J.** A clinical review of the orthotic treatment of myelomeningocele patients, **65B**, *242
SanMiguel, J.C. *with others.* Perioperative cefamandole prophylaxis against infections, **69A**, *1189
SanMiguel, J.G. *with others.* Prophylactic cefamandole in orthopaedic surgery, **66A**, *1219
Santner, T.J. Fundamentals of statistics for orthopaedists: part I, **66A**, *468(*current concepts review*)
with **Barstein, A.H.** Fundamentals of statistics for orthopaedists: part II, **66A**, *794(*current concepts review*)
with **Wypij, D.** Fundamentals of statistics for orthopaedists: part IV, **69A**, *463(*current concepts review*)
with **Wypij, D.** Fundamentals of statistics for orthopaedists: part III, **66A**, *1309(*current concepts review*)
Sapega, A. *with others.* A comparative study of the tolerance of skeletal muscle to ischaemia: tourniquet application compared with acute compartment syndrome, **68A**, *820
Sapega, A.A. *with others.* Optimizing tourniquet application and release times in extremity surgery: a biochemical and ultrastructural study, **67A**, *303
Sarkar, S.D. A comparative study of cemented and uncemented Thompson prostheses, **65B**, 218(*discussion*)
Ankle fractures: should we operate or not?, **66B**, 144(*discussion*)
Is carpal tunnel release always successful?, **65B**, 223(*discussion*)
Morton's metatarsalgia: a retrospective and prospective study, **65B**, 220(*discussion*)
Osteochondritis dissecans of the patella: a report of 25 cases, **66B**, 146(*discussion*)
Preliminary report on the use of bovine xenografts in knee instability problems, **66B**, 282(*discussion*)
The locked knee, **67B**, 488(*discussion*)
with **Kavanagh, T.G.** *and* **Phillips, H.** Complications of displaced fractures (Type II Neer) of the outer end of the clavicle, **67B**, 492
Sarmiento, A. *with* **Gruen, T.A.** Radiographic analysis of a low-modulus titanium-alloy femoral total hip component: two to six-year follow-up, **67A**, *48
with **Tarr, R.R.** *and* **Garfinkel, A.I.** The effects of angular and rotational deformities of both bones of the forearm: an *in vitro* study, **66A**, *65
with others. Normal human synovial fluid: osmolality and exercise-induced changes, **67A**, *1336
with others. Prefabricated functional braces for the treatment of fractures of the tibial diaphysis, **66A**, *1328
Sarnoff, R.B. *with others.* Heparin-associated thrombocytopenia with venous thrombosis: a case report, **67A**, *1123
Sarokhan, A.J. *with* **Luchini, M.A.** *and* **Micheli, L.J.** Acute displaced femoral-shaft fractures in long-distance runners: two case reports, **65A**, *689
with others. Total knee arthroplasty in juvenile rheumatoid arthritis, **65A**, *1071
Sarrafian, S.K. Hampar Kelikian, **66A**, 632(*obituary*)
Sasaki, T. *with others.* Transfer of latissimus dorsi to replace a paralysed anterior deltoid: a new technique using an inverted pedicled graft, **69B**, *647
Sassard, W.R. *with* **Brodsky, A.E.** *and* **Dennis, M.D.** Alveolar soft-part sarcoma: a case report, **65A**, *841
Satku, K. *with* **Kumar, V.P.** *and* **Ngoi, S.S.** Anterior cruciate ligament injuries: to counsel or to operate?, **68B**, *458
with **Kumar, V.P.** *and* **Pho, R.W.H.** Stress fractures of the tibia in osteoarthritis of the knee, **69B**, *309
with **Pho, R.W.H.** *and* **Lim, S.M.L.** Late metastases from osteogenic sarcoma: a case report, **67A**, *147
with **Pho, R.W.H.** *and* **Wee, A.** Painful heel syndrome – an unusual cause: case report, **66A**, *607
with others. Free vascularised fibular graft in the treatment of congenital pseudarthrosis of the tibia, *64, **67B**,490(*discussion*)
with others. Free vascularised fibular graft in the treatment of congenital pseudarthrosis of tibia, **67B**, 490
Satoh, K. *with others.* Configuration of the laminae and the facet joints of the lumbar spine and their clinical significance in degenerative spondylolisthesis, **67B**, 499
Saunders, P.A. *with others.* An ultrasonic method for measuring spinal curvature, **67B**, 320
with others. Radiation-free demonstration of spinal shape, **68B**, 679
Sauter, A.J.M. *with* **Diercks, R.L.** *and* **Mallens, W.M.C.** Aneurysmal bone cyst in association with fibrous dysplasia: a case report, **68B**, *144
Savage, J. *with* **Sundberg, S.** *and* **Foster, B.K.** Technetium phosphate bone scan in the diagnosis of septic arthritis in children, **69B**, 163
Savage, J.P. *with others.* The technetium phosphate bone scan in the diagnosis of osteomyelitis in childhood, **65A**, *431
with others. The value of ^{99m}Tc methylene diphosphonate bone scanning in the diagnosis of childhood osteomyelitis, **65B**, 102
Savidge, G.F. *with* **Smith, M.A.** *and* **Fountain, E.J.** Interposition arthroplasty in the management of advanced haemophilic arthropathy of the elbow, **65B**, *436
Savini, R. *with others.* Surgical treatment of giant-cell tumor of the spine: the experience at the Istituto Ortopedico Rizzoli, **65A**, *1283
Savory, C.G. *with others.* Prior deposition of autologous blood in elective orthopaedic surgery, **69A**, *320
Savory, G. *with others.* Diagnosis of infection by preoperative scintigraphy with indium-labeled white blood cells, **69A**, *1353
Saw, D. *with* **Yuen, W.W.H.** Malignant fibrous histiocytoma of bone, **67A**, *482
Sayakos, J. *with* **Voutsinas, S.** *and* **Smyrnis, P.** Echinococcus infestation complicating total hip replacement: a case report, **69A**, *1456
Sayers, D. *with others.* Experimental temporary vascular occlusion of the growing femoral head, **65B**, 657
Scadding, J.W. *with* **Guiloff, R.J.** *and* **Kiesserman, L.** Morton's metatarsalgia, **66B**, *586
with others. Morton's metatarsalgia: a retrospective and prospective study, **65B**, 220
Scales, J.T. Prosthetic replacement of the femoral head for femoral neck fractures: which design?, **65B**, 530(*editorial*)
with **Craig, D.M.** *and* **Lettin, A.W.F.** Stanmore total knee replacements, **65B**, 225
with **Lettin, A.W.F.** *and* **Kavanagh, T.G.** The long-term results of Stanmore total knee replacements, **66B**, *349
with **Ross, A.C.** *and* **Sneath, R.S.** Endoprosthetic replacement of the humerus and elbow joint, **69B**, *652
with **Ross, A.C.** *and* **Sneath, R.S.** Massive prosthetic replacement of the humerus, distal humerus and elbow joint, **69B**, 154
with **Ross, A.C.** *and* **Wilson, J.N.** Endoprosthetic replacement of the proximal humerus, **69B**, *656
with **Sneath, R.S.** *and* **Grimer, R.J.** The surgical management of osteosarcoma, **69B**, 492
with others. Assessment of the survival and the clinical results of Stanmore total knee replacements, **66B**, *355
with others. Distal femoral replacement by custom-made prostheses: clinical follow-up and survivorship analysis, **69B**, *276
with others. Resection of a peri-acetabular chondrosarcoma and reconstruction of the pelvis, **67B**, *413
with **Ross, A.C.** *and* **Wilson, J.N.** Massive prosthetic replacement of the proximal humerus, **67B**, 496
with **Wilson, J.N.** *and* **Pringle, J.A.G.** Local recurrence after prosthetic replacement for chondrosarcoma, **67B**, 497
with others. Results of the treatment of osteosarcoma, **66B**, 277, 785
Scarff, T.B. *with* **Bunch, W.H.** *and* **Trimble, J.** Spinal cord monitoring, **65A**, *707(*current concepts review*)
Schaeffer, J. *with others.* Morphometric analysis of chondrocyte hypertrophy, **68A**, *243

* Indicates full article or appreciable part

Schafer, J. *with others.* Growth-plate-chondrocyte profiles and their orientation, **67A**, *942
Schaffer, J.J. *with* **Manoli, A, II.** The antiglide plate for distal fibular fixation: a biomechanical comparison with fixation with a lateral plate, **69A**, *596
Schajowicz, F. *with* **Araujo, E.S.** *and* **Berenstein, M.** Sarcoma complicating Paget's disease of bone: a clinicopathological study of 62 cases, **65B**, *299
with others. Tissue-typing in human massive allografts of frozen bone, **69A**, *583
Schakel, M., II *with others.* The comparative value of bone scintigraphy and computed tomography in determining bone involvement by soft-tissue sarcomas, **66A**, *1400
Schatzker, J. *with* **Esses, S.** *and* **Hastings, D.E.** The results of revision of total hip arthroplasty, **66B**, 301
with **Young, C.** *and* **Hastings, D.E.** Acetabular reinforcement in total hip replacement, **67B**,331
with others. A study of implant failure in the Wagner resurfacing arthroplasty, **67A**, *1165
Scheck, M. *with* **Dillin, L.** *and* **Hoaglund, F.T.** Brachial neuritis, **67A**, *878
Scheiner, J-P. *with others.* Epidemiology of disorders of the foot in the child and adult amenable to surgical treatment, **66B**, 142
Schemitsch, E.H. *with* **Horne, J.G.** Wilson's osteotomy for the treatment of hallux valgus, **68B**, 679
Schenk, R.K. *with* **Hunziker, E.B.** *and* **Cruz-Orive, L.-M.** Quantitation of chondrocyte performance in growth-plate cartilage during longitudinal bone growth, **69A**, *162
Schenkar, D.L. *with* **Winter, W.G., Jr.** *and* **Combs, C.R.** Central fracture of the acetabulum: adjunctive innominate osteotomy as an aid in operative reduction: case report, **66A**, *130
Schepers, A. *with* **Matthews, S.J.** *and* **Erken, E.H.W.** Spinal stabilisation in neuromuscular disease, **68B**, 507
Scher, M.A. The management of femoral head avascular necrosis by intertrochanteric flexion osteotomy and bone grafting of the head, **69B**, 682
with **Sonnino, M.** Operative management of acute on-chronic and chronic slipped capital femoral epiphysis, **66B**, 448
Schernburg, F. *with* **Gerard, Y.,** *and* **Nerot, C.** Anatomical pathological and therapeutic investigation of fractures of the radial head in adults, **66B**, 141
Schiller, A.L. *with* **Murphy, S.B.** *and* **Walker, P.S.** Adaptive changes in the femur after implantation of an Austin Moore prosthesis, **66A**, *437
with others. Assessment of malignancy of cartilage tumors using flow cytometry: a preliminary report, **65A**, *779
with others. Desmoplastic fibroma of bone: a report of eight cases and review of the literature, **67A**, *732
with others. Grading of bone tumors by analysis of nuclear DNA content using flow cytometry, **67A**, *404
with others. Localized osteolysis in stable, non-septic total hip replacement, **68A**, *912
with others. The synovial-like membrane at the bone-cement interface in loose total hip replacements and its proposed role in bone lysis, **65A**, *575
with others. Vascular events associated with the appearance of the secondary center of ossification in the murine distal femoral epiphysis, **69A**, *185
Schink, M.M. *with others.* The use of pulsing electromagnetic fields to achieve arthrodesis of the knee following failed total knee arthroplasty: a preliminary report, **65A**, *480
Schlafly, B. *with* **Murray, J.A.** Giant-cell tumors in the distal end of the radius: treatment by resection and fibular autograft interpositional arthrodesis, **68A**, *687
Schmalzried, T.P. *with others.* Bone repair induced by bone morphogenetic protein in ulnar defects in dogs, **68B**, *635
Schmidt, D.R. *with* **Cross, M.J.** *and* **Mackie, I.G.** A no-touch test for the anterior cruciate ligament, **69B**, *300(*brief report*)
Schmidt, L. *with* **Strickner, M.** *and* **Galle, P.** Closed intramedullary nailing of femoral shaft fractures: indication, technique, results and complications, **68B**, 505
Schmidt, S.A. *with others.* Osteoarthritis of the hip in patients with proximal femoral fractures, **69B**, *529(*brief report*)
Schneider, L.H. Book reviews, 68A, **797, 1133**
with **Wehbé, M.A.** Mallet fractures, **66A**, *658
with others. Two-stage flexor-tendon reconstruction: ten-year experience, **68A**, *752
Schnitzler, C.M. *with* **Solomon, L.** Bone changes in alcohol abuse, **68B**, 495
with **Solomon, L.** Bone turnover in osteoarthritis of the hip, **67B**, 318
with **Solomon, L.** Bone changes after alcohol abuse, **67B**, 506
with others. Radiographic features of the spine in fluoride therapy for osteoporosis, **69B**, *190
Schoeman, H.S. *with others.* Fat embolism and the fat embolism syndrome: a double-blind therapeutic study, **69B**, *128
Schoen, R.W. *with* **Levin, P.E.** *and* **Browner, B.D.** Radiation exposure to the surgeon during closed interlocking intramedullary nailing, **69A**, *761
Schoenecker, P.L. *with* **Lesker, P.A.** *and* **Ogata, K.** A dynamic canine model of experimental hip dysplasia: gross and histological pathology, and the effect of position of immobilization on capital femoral epiphyseal blood flow, **66A**, *1281
with **Strecker, W.B.** Congenital dislocation of the hip in children: comparison of the effects of femoral shortening and of skeletal traction in treatment, **66A**, *21
with others. Dysplasia of the knee associated with the syndrome of thrombocytopenia and absent radius, **66A**, *421, 1494(*correspondence*)
Schoffmann, W. *with others.* Injuries to the tarsometatarsal joint: incidence, classification and treatment, **65B**, 98
Schönström, N.S.R. *with* **Bolender, N-F.** *and* **Spengler, D.M.** Role of computed tomography and myelography in the diagnosis of central spinal stenosis, **67A**, *240
Schorah, C.J. *with others.* Markers of nutritional status in elderly females with fracture of the neck of the femur, **67B**, 160
Schorr, R. *with* **Braun, R.M.** Surgical nutrition in the patient with multiple injuries: report of a case, **65A**, *123
Schott, G.D. The idiopathic dystonias: a note on their orthopaedic presentation, **65B**, *51
Schraffordt Koops, H. *with others.* Resection of a peri-aceitabular chondrosarcoma and reconstruction of the pelvis, **67B**, *413
Schray, M.F. *with others.* Secondary malignant giant-cell tumor of bone: clinicopathological assessment of nineteen patients, **68A**, *1073
Schreiber, A. *with* **Differding, P.** *and* **Zollinger, H.** Talus partitus: a case report, **67B**, *430
Schreuder, O. *with others.* Failure of anterior cruciate-ligament reconstruction using tendon xenograft, **69A**, *860
Schröder, A. *with others.* Synovectomy of the knee in juvenile chronic arthritis: a retrospective, consecutive follow-up study, **68B**, *223
Schuler, P. *with* **Fakharani-Hein, M.** Treatment of newborn hip maturation disturbance verified by ultrasound, **69B**, 490
Schultz, R.A. *with others.* Mechanoreceptors in human cruciate ligaments: a histological study, **66A**, *1072
Schultz, R.J. *with* **Spiegler, G.** *and* **Diwan, L.** Palmar displacement of the distal end of the ulna in rheumatoid arthritis: a case report, **68A**, *1280
with **Tomasek, J.J.** *and* **Haaksma, C.J.** Extracellular matrix-cytoskeletal connections at the surface of the specialized contractile fibroblast (myofibroblast) in Dupuytren disease, **69A**, *1400
Schurman, D.J. *with* **Parker, J.N.** *and* **Ornstein, D.** Total condylar knee replacement: a study of factors influencing range of motion as late as two years after arthroplasty, **67A**, *1006
with **Woolson, S.T.** *and* **Maloney, W.J.** Time-related improvement in the range of motion of the hip after total replacement, **67A**, *1251
with others. The effect of antibiotics on the destruction of cartilage in experimental infectious arthritis, **69A**, *1063
Schurrer, M.E. *with* **Alvine, F.G.** Postoperative ulnar-nerve palsy: are there predisposing factors?, **69A**, *255, 952(*correspondence*)
Schutte, M.J. *with others.* Neural anatomy of the human anterior cruciate ligament, **69A**, *243
Schutzer, S.F. *with* **Gossling, H.R.** The treatment of reflex sympatheti dystrophy syndrome, **66A**, *625(*current concepts review*), 1493(*correspondence*)
Schwab, J.P. *with others.* The use of Ender nails in fractures of the tibial shaft, **67A**, *446
Schwartz, H.S. *with others.* A prospective, randomized study of the management of severe ankle fractures, **67A**, *67
with others. The malignant potential of enchondromatosis, **69A**, *269
Schwarzenbach, O. *with others.* Free segmental bone allografts with microsurgical revascularisation and short-term immunosuppression by cyclosporin A, **68B**, 498
Schweigel, J.F. *with* **Pirani, S.P.** *and* **Bentley, K.** Intravenous contrast enhancement in CT differentiation between recurrent disc herniation and postoperative root scar: specificity, sensitivity and predictive values, **69B**, 510
with others. Closed reduction for fracture and fracture-dislocation of the thoracolumbar spine, **69B**, 510
Schwentker, E.P. *with* **Zaleski, R.J.** *and* **Skinner, S.R.** Medial knee instability complicating the Pavlik-harness treatment of congenital hip subluxation: case report, **65A**, *678
with others. Traumatic atlanto-occipital joint: case report, **68A**, *1106
Scobie, W.G. *with* **Holmes, S.J.K.** *and* **Sedgwick, D.M.** Domiciliary gallows traction for femoral shaft fractures in young children, **65B**, *288
Scola, E. *with* **Ippolito, E.** *and* **Caterini, R.** Supracondylar fractures of the humerus in children: analysis at maturity of fifty-three patients treated conservatively, **68A**, *333
Scoles, P.V. *Book reviews*, **65A**, 285
with **Aronoff, S.C.** Antimicrobial therapy of childhood skeletal infections, **66A**, *1487(*current concepts review*)
with others. Adult idiopathic scoliosis treated by anterior and posterior spinal fusion, **69A**, *843
with others. Nuclear magnetic resonance studies of Legg–Calvé–Perthes disease, **67B**, 333
with others. Nuclear magnetic resonance imaging in Legg-Calvé-Perthes disease, **66A**, *1357
with others. Segmental spinal instrumentation in neuromuscular spinal deformities, **68B**, 680

* Indicates full article or appreciable part

Scotland, T.R. *with* **Galway, H.R.** A long-term review of children with congenital and acquired upper limb deficiency, **65B**, *346
with **Lakshman, K.** The incidence of knee-ligament injuries in 105 patients with lower-limb fractures, **67B**, 151
with **Weir, J.** Assessment of prognosis of the anterior cruciate deficient knee by means of tomography of the lateral tibial plateau, **67B**, 151
Scott, D.F. *with others.* An interhospital criteria audit of infection in total hip joint replacement surgery, **65B**, 663
Scott, G.A. *with* **Jolly, B.L.** *and* **Henning, C.E.** Combined posterior incision and arthroscopic intra-articular repair of the meniscus: an examination of factors affecting healing, **68A**, *847
Scott, J.A. *with others.* Evaluation of Gaucher disease using magnetic resonance imaging, **68A**, *802
Scott, J.H.S. The Edinburgh repair of isthmic (Group II) spondylolysis, **69B**, 491
with **McQueen, M.M.** *and* **Court-Brown, C.** Stabilisation of spondylolisthesis using Dwyer instrumentation, **68B**, *185
with **Nicol, R.O.** Lytic spondylolysis: repair by wiring, **67B**, 673
with **van den Oever, M.** *and* **Merrick, M.V.** Bone scintigraphy in symptomatic spondylolysis, **69B**, *453
Scott, J.M. *with* **Mackenney, R.P.** Neurological complications of dislocation of the shoulder, **67B**, 496
with **McLauchlan, J.** *and* **Smylie, H.G.** Sterile micro-environment in the prevention of wound infection, **67B**, 153
with others. A long-term study following Bennett's fracture, **68B**, 157
Scott, R. *with others.* A comparative study of the tolerance of skeletal muscle to ischaemia: tourniquet application compared with acute compartment syndrome, **68A**, *820
Scott, R.D. *with* **Barrett, W.P.** Revision of failed unicondylar unicompartmental knee arthroplasty, **69A**, *1328
with **Ewald, F.C.** *and* **Walker, P.S.** Fracture of the metallic tibial tray following total knee replacement: report of two cases, **66A**, *780
with **Siliski, J.M.** Obturator-nerve palsy resulting from intrapelvic extrusion of cement during total hip replacement: report of four cases, **67A**, *1225
with others. McKeever metallic hemiarthroplasty of the knee in unicompartmental degenerative arthritis: long-term clinical follow-up and current indications, **67A**, *203
with others. Total knee arthroplasty in juvenile rheumatoid arthritis, **65A**, *1071
Scott, S.A.J. *with* **Lawton, J.O.** *and* **Dickson, R.A.** Physiological treatment for idiopathic scoliosis: experimental basis, **67B**, 160
Scott, T.D. *with* **Bunker, T.D.** *and* **McNamee, P.B.** The Herbert screw for scaphoid fractures: a multicentre study, **69B**, *631
with others. The relationship of ligamentous clicks arising from the newborn hip and congenital dislocation, **67B**, 491
Scott, W.A. *with* **Catterall, A.** *and* **Hosking, S.W.** Talipes equinovarus: is the tether medial or lateral?, **65B**, 221
with **Hosking, S.W.** *and* **Catterall, A.** Club foot, **66B**, *71
with **Jones, C.B.** *and* **Wright, K.W.J.** An *in vitro* investigation into the biomechanical staus of nylon cerclage bands, **66B**, 278
Scott, W.N. Intra-articular transfer of the iliotibial tract: two to seven-year follow-up results, **68A**, 791(*correspondence*)
with **Ferriter, P.** *and* **Marino, M.** Intra-articular transfer of the iliotibial tract: two to seven-year follow-up results, **67A**, *532; **68A**, 791
with others. Popliteal pseudoaneurysm: a case report, **65A**, *695
Scougall, J.S. *with others.* Supracondylar osteotomy of the humerus for correction of cubitus varus, **66B**, *566
Scranton, P.E. *with* **Ladd, A.L.** Congenital cervical stenosis presenting as transient quadriplegia in athletes: report of two cases, **68A**, *1371
Scranton, P.E., Jr. *Book reviews*, **65A**, 1036, 1361
Principles in bunion surgery, **65A**, *1026(*current concepts review*)
Treatment of symptomatic talocalcaneal coalition, **69A**, *533
Use of internal compression in arthrodesis of the ankle, **67A**, *550
Sculco, T.P. *Book reviews*, **65A**, 1360; **67A**, 1149
with others. Total knee arthroplasty in hemophilia, **67A**, *1361
Scullion, J.E. *with* **Gibson, J.M.C.** Preliminary experience with the Duo-Patella total knee replacement, **67B**, 144
with **Miller, J.H.** Fracture of the neck of the radius in children: prognostic factors and recommendations for management, **67B**, 491
with others. Vitamin D deficiency and osteomalacia in patients with femoral neck fracture, **65B**, 90
Scully, K.S. *with others.* Nitrogen-gas injection from a power reamer: a complication of closed intramedullary nailing of the femur: technical note, **65A**, *860
Seagar, A.D. *with others.* Calf blood flow during total hip replacement surgery: preliminary observations, **65B**, 518
Searle, A.W. Sorting the sheep from the goats: the Pentothal test, **65B**, 100
Searls, K. *with* **Behrens, F.** External fixation of the tibia: basic concepts and prospective evaluation, **68B**, *246
with others. A prospective evaluation of 100 severe open tibial fractures, **67B**, 325
Sebille, A. *with others.* Axon regeneration and vascularisation of nerve grafts: an experimental study, **67B**,160
Sedgwick, D.M. *with* **Holmes, S.J.K.** *and* **Scobie, W.G.** Domiciliary gallows traction for femoral shaft fractures in young children, **65B**, *288
Sedgwick, E.M. *with others.* Comparison of epidural responses from right and left posterior tibial nerves during surgery for scoliosis, **69B**, 854
Sedgwick, W.G. *with others.* Dysplasia of the knee associated with the syndrome of thrombocytopenia and absent radius, **66A**, *421
Sedlin, E.D. *with others.* Complications of Ender-pin fixation in basicervical, intertrochanteric, and subtrochanteric fractures of the hip, **65A**, *66, 1355(*correspondence*)
Seedhom, B. *with* **Smith, R.B.** *and* **McLaughlin, S.** Anterior cruciate replacement with the Leeds–Keio prosthesis, **69B**, 161
Seedhom, B.B. *with* **Amis, A.A.** Design factors for polyethylene prosthesis components, with particular reference to the Sheehan knee implant, **65B**, 367
with **Fujikawa, K.** *and* **Atkinson, P.J.** The Leeds–Keio artificial cruciate ligament: results of both animal and human clinical trials, **68B**, 669
with **Fujikawa, K.** *and* **Atkinson, P.J.** On fixation of Terylene ligaments to bone with special reference to the cruciates, **65B**, 660
with **Nakamura, N.** *and* **Ellis, M.** Advancement of the tibial tuberosity: a biomechanical study, **67B**, *255
Seeger, B.R. *with* **Sutherland, A.** The non-operative management of scoliosis in Duchenne muscular dystrophy, **65B**, 669
Sefton, G.K. Congenital absence of the fibula, **68B**, 843
with others. The Leeds Keio ligament in chronic anterior cruciate deficiencies: the results from three centres, **69B**, 493
Segal, D. *Book reviews*, **68A**, 478
Iliac autograft for reconstruction of severely depressed fracture of a lateral tibial plateau: a brief note, **68A**, 475(*correspondence*)
with **Franchi, A.V.** *and* **Campanile, J.** Iliac autograft for reconstruction of severely depressed fracture of a lateral tibial plateau, **67A**, *1270(*brief note*)
with **Pick, R.Y.** Carpal scaphoid fracture and non-union in an eight-year-old child: report of a case, **65A**, *1188
Segal, L.S. *with* **Grimm, J.O.** *and* **Stauffer, E.S.** Non-union of fractures of the atlas, **69A**, *1423
Seger, D.H. *with others.* Clarification of the role of the supraspinatus muscle in shoulder function, **68A**, *398
Segmueller, G. *with* **Hardegger, F.** *and* **Simpson, L.A.** The syndrome of idiopathic osteolysis: classification, review and case report, **67B**, *89
Seibert, J.J. *with others.* Ultrasound imaging as a screening study for malignant soft-tissue tumors, **69A**, *100
Seimon, L. *Book reviews*, **66A**, 637
Low back pain: clinical diagnosis and management, **66A**, 1144(*correspondence*)
Seimon, L.P. Arthrodesis of the hip in adolescents and young adults: a long-term functional review, **67B**, 498(*discussion*)
Treatment of the "acute locked back" by spinal manipulation, **67B**, 500
with **Gurman, A.W.** Iliofemoral thrombosis following Harrington spinal instrumentation: report of a case, **67A**, *1273
Seitz, P. *with others.* Changes in local bone density after knee arthroplasty: the use of quantitative computed tomography, **69B**, *407
Selby, D.K. *Book reviews*, **68A**, 798
Selesnick, F.H. *with* **Dolitsky, B.** *and* **Haskell, S.S.** Fracture of the coronoid process requiring open reduction with internal fixation: a case report, **66A**, *1304
with others. Retrosternal dislocation of the clavicle: report of four cases, **66A**, *287
Sell, K.W. *with* **Friedlaender, G.E.** *and* **Strong, D.M.** Studies on the antigenicity of bone: II. donor-specific anti-HLA antibodies in human recipients of freeze-dried allografts, **66A**, *107
Selvik, G. *with* **Hansson, L-I.** Biplane radiographic measurement of reversible displacement (including clinical loosening) and migration of total joint replacements, **66A**, 631(*correspondence*)
with **Kärrholm, J.** *and* **Hansson, L.I.** Changes in tibiofibular relationships due to growth disturbances after ankle fractures in children, **66A**, *1198
with others. Mechanical loosening of total hip prostheses: a radiographic and roentgen stereophotogrammetric study, **68B**, *770
Senior, J. *with* **Sikorski, J.M.** *and* **Davis, N.** Domestic rehabilitation of patients with fractures of the proximal femur, **66B**, 782
Sennett, B. *with others.* Neuropraxia of the cervical spinal cord with transient quadriplegia, **68A**, *1354
Sepic, S.B. *with others.* Shoulder-muscle strength and range of motion following surgical repair of full-thickness rotator-cuff tears, **68A**, *266
Seth, M.K. *with* **Khurana, J.K.** Bony ankylosis of the elbow after burns, **67B**, *747
Sew Hoy, A.L. *with others.* Prefabricated functional braces for the treatment of fractures of the tibial diaphysis, **66A**, *1328
Shacked, I. *with others.* Two-level fracture of the cervical spine in a young child: a case report with operative treatment, **65A**, *119
Shackelford, G.D. *with others.* Dural ectasia associated with spontaneous dislocation of the upper part of the thoracic spine in neurofibromatosis: a case report and review of the literature, **69A**, *1079
Shaffer, J.W. *with* **Kim, W.C.** *and* **Idzikowski, C.** Failure of treatment of ununited fractures of the carpal scaphoid: the role of non-compliance, **65A**, *985; **66A**, 1146(*correspondence*)
with **Zdeblick, T.A.** *and* **Field, G.A.** The use of urokinase in ischemic replanted extremities in rats, **69A**, *442
with others. Postoperative neurological deficits in segmental spinal instrumentation: a study using spinal cord monitoring, **66A**, *1178

* Indicates full article or appreciable part

Shaffer, J.W., (*continued*)
with others. Segmental spinal instrumentation in neuromuscular spinal deformities, **68B**, 680
Shah, V.M. *with* **Gallannaugh, S.C.** *and* **Hinves, B.L.** Patellofemoral malfunction following Attenborough total knee replacement, **66B**, 147
Shakespeare, D.T. *with* **Rigby, H.S.** The bucket-handle tear of the meniscus: a clinical and arthrographic study, **65B**, *383
Shall, J. *with* **Cohn, B.T.** *and* **Frolmson, A.I.** Acute compartment syndrome of the forearm in association with fracture of the distal end of the radius: report of two cases, **68A**, *1451
Shanahan, M.D.G. *with* **Ackroyd, C.E.** Pyogenic infection of the sacro-iliac joint: a report of 11 cases, **67B**, *605
with others. Colles' fractures, one year after injury: a prospective study, **68B**, 158
with others. The long-term results of surgical management of paralytic pes cavus by soft-tissue release and tendon transfer, **69B**, 499
Shanks, G. *with others*. Experiments in arthroplasty infection using a rabbit hip model, **65B**, 664
with others. Infection in a hip prosthesis model, **65B**, 100
Shanmugasundaram, T.K. *with* **Rajasekaran, S.** Prediction of the angle of gibbus deformity in tuberculosis of the spine, **69A**, *503
Shapiro, F. Longitudinal growth of the femur and tibia after diaphyseal lengthening, **69A**, *684
with **Olin, A.** *and* **Creasman, C.** Free physeal transplantation in the rabbit: an experimental approach to focal lesions, **66A**, *7
with **Riseborough, E.J.** *and* **Barrett, I.R.** Growth disturbances following distal femoral physeal fracture-separations, **65A**, *885
Sharma, P. *with others*. The long-term results of the Liverpool Mark II knee prosthesis, **68B**, *111
Sharon, R. *with* **Weinberg, H.** *and* **Husseini, N.** An unusually high incidence of homozygous MM in ankylosing spondylitis, **67B**, *122
Sharp, D.J. *with* **Porter, K.M.** *and* **Duke, R.F.N.** The resolution of protrusio acetabuli treated with Ring's hip prosthesis, **66B**, *635
with others. The elasticity of subchondral bone and the aetiology of osteoarthritis, **67B**,843
Sharp, T. *with others*. Virus-like filamentous intranuclear inclusions in a giant-cell tumor, not associated with Paget's disease of bone: a case report, **67A**, *333
Sharples, D. *with others*. Respiratory failure in idiopathic scoliosis: an animal model, **69B**, 855
Sharples, S.H. *with others*. Functional bracing: an alternative treatment for peri-articular fractures of the proximal tibia, **67B**, 145
Sharrard, W.J.W. *Book reviews*, **66B**, 794; **68B**, 171
Conservative treatment of congenital dislocation of the hip in infants aged two to eight months, **67B**, 492(*discussion*)
Electrical stimulation in the treatment of congenital pseudarthrosis of the tibia, **66B**, 283(*discussion*)
Excision of the proximal end of the femur for very stiff hips in myelomeningocele, **67B**, 148(*discussion*)
Injection-induced contractures of the quadriceps in childhood: a comparison of proximal release and distal quadricepsplasty, **67B**, 490(*discussion*)
Non-union of the scaphoid: a prospective study of direct current stimulation, **67B**, 493(*discussion*)
Scoliosis and other orthopaedic problems in Duchenne muscular dystrophy: a review of 82 cases, **65B**, 221(*discussion*)
Speculations on cerebral palsy, **66B**, 283(*discussion*)
Talipes equinovarus: is the tether medial or lateral?, **65B**, 221(*discussion*)
The French scene, **66B**, 604(*invited contribution*)
The role of electrical stimulation in healing of tibial fractures, **66B**, 283(*discussion*)
Tibial fracture-healing patterns seen when using external skeletal fixation, **67B**, 146(*discussion*)
with **Atkins, R.M.** *and* **Bell, M.J.** Pectoralis major transfer for paralysis of elbow flexion in children, **67B**, *640
with **Atkins, R.M.** *and* **Bell, M.J.** Pectoralis major transfer for paralysis of elbow flexion in children, **68B**, 156
with **Bell, M.J.** *and* **Atkins, R.M.** Irreducible congenital dislocation of the knee: aetiology and management, **69B**, *403
with **Lang-Stevenson, A.I.** Intramedullary rodding with Bailey-Dubow extensible rods in osteogenesis imperfecta, **66B**, *227
with **Ogilvie, C.** Hemitransplantation of the tendo calcaneus in children with spinal neurological disorders, **68B**, *767
with others. Neuropathic ulcers of the foot, **67B**, *438
with others. The long-term results of surgical management of paralytic pes cavus by soft-tissue release and tendon transfer, **69B**, 499
Sharrock, N.E. The use of epidural steroids in the treatment of lumbar radicular pain: a prospective, randomized, double-blind study, **67A**, 981(*correspondence*)
Shastri, R. *with* **Miller, E.H.** Fracture failure of a forged vitallium prosthesis: a case report, **65A**, 712(*correspondence*)
Shaw, B.A. *with others*. The association of femoral retroversion with slipped capital femoral epiphysis, **68A**, *1000
Shaw, J.A. *with* **DeMuth, W.W.** *and* **Gillespy, A.W.** Guidelines for the use of digital tourniquets based on physiological pressure measurements, **67A**, *1086
with **Mosher, J.F.** A giant-cell tumor in the hand presenting as an expansile diaphyseal lesion: case report, **65A**, *692
Shaw, J.F. *with* **McMaster, M.J.** Occult intraspinal anomalies and congenital scoliosis, **66A**, 1319(*correspondence*)
Shaw, S.N. *with others*. Vibration arthrography in the diagnosis of internal diseases of the knee, **67B**, 844
Shearer, J.R. *Book reviews*, **68B**, 166
with **Monro, P.P.** The growth of the embryonic chick femur cultured on the chorioallantoic membrane, **65B**, 658
with **Monro, P.P.** The invasion of dead bone by osteoclasis, **65B**, 93
with others. Ascorbic acid levels in fractures of the neck of the femur, **69B**, 158
with others. The acute-phase response of plasma proteins as an aid to the diagnosis of infection in joint replacements, **69B**, 157
Sheehan, J.M. *with* **McElwain, J.P.** Bilateral hip and knee replacement for rheumatoid arthritis, **67B**, *261
with **O'Rourke, K.** The Sheehan knee arthroplasty: long-term results, **69B**, 488
Sheehy, J.P. *with others*. Intramedullary spinal cord tumours presenting as scoliosis, **66B**, *513
Shelbourne, K.D. *with others*. Treatment of knee joint instability secondary to rupture of the posterior cruciate ligament: report of a new procedure, **65A**, *310
Shelley, P. *with others*. A clinical and laboratory analysis of forearm fracture fixation with less than rigid implants, **65B**, 364
with others. deep infection in Charnley low-friction arthroplasty: comparison of plain and gentamicin-loaded cement, **69B**, *355
Shenton, D.W. *with others*. Compartment syndrome: a bioenergetic study using ^{31}P-NMR spectroscopy, **67B**, 330
Shepard, N. *with* **Mitchell, N.** Ultrastructural modifications of proteoglycans coincident with mineralization in local regions of rat growth plate, **67A**, *455
Shephard, R.J. *with others*. Physically disabled: fitness testing, **65B**, 102
Shepherd, B.D. Address to Eighth Combined Meeting of the Orthopaedic Associations of the English-Speaking World, **69A**, 1251
Shepherd-Wilson, W. *with* **Walters, J.** *and* **Lyons, T.** The use of Ender's nails in femoral shaft fractures, **68B**, 505
Sheppard, J. *with* **May, J.W., Jr.** Reconstruction of the stump after below-the-knee amputation: soft-tissue expansion and local muscle rotation flaps: a case report, **69A**, *1240
Sher, J.L. *with* **Aird, E.G.A.** A photon absorptiometric estimation of bone mineral content in the proximal femur, **65B**, 660
with others. A comparison of operative and conservative treatment for unstable trochanteric fractures, **67B**, 495
Shereff, M.J. *with* **Bejjani, F.J.** *and* **Kummer, F.J.** Kinematics of the first metatarsophalangeal joint, **68A**, *392
with **Cullivan, W.T.** *and* **Johnson, K.A.** Osteoid-osteoma of the foot, **65A**, *638
Sherlock, D.A. *with* **Gibson, P.H.** *and* **Benson, M.K.D.** Congenital subluxation of the hip, **67B**, *390
with others. Sarcoma at the site of a single hip screw: a case report, **69B**, *470
Sherman, K.P. *with* **Douglas, D.L.** *and* **Benson, M.K.D'A.** Keller's arthroplasty: is distraction useful?, **66B**, *765
with **Fuller, D.J.** Medial meniscectomy using the extended horizontal approach, **67B**, 152
with others. Oxford unicompartmental meniscal knee arthroplasty: a preliminary report, **67B**, 848
Sherman, M.F. *with others*. The accuracy of double-contrast arthrographic evaluation of the anterior cruciate ligament: a retrospective review of one hundred and sixty-three knees with surgical confirmation, **65A**, *175
Sherman, O.H. *with others*. Arthroscopy – "no-problem surgery": an analysis of complications in two thousand six hundred and forty cases, **68A**, * 256
Sherman, R. *with others*. Adult-onset hemiplegia: changes in gait after muscle-balancing procedures to correct the equinus deformity, **68A**, *1249
Sherman, R.M.P. *with* **Waddell, P.** *and* **Sullivan, T.R.** Laminectomy for extradural secondary tumour, **66B**, 298
with others. The role of lavage in preventing hemodynamic and blood-gas changes during cemented arthroplasty, **65A**, *500
Sheskier, S. *with others*. Medial restraints to anterior-posterior motion of the knee, **66A**, *930
Shiavi, R. *with* **Green, N.E.** *and* **Griffin, P.P.** Split posterior tibial-tendon transfer in spastic cerebral palsy, **65A**, *748
Shiba, R. *with others*. Diseases of the hip: a comparative study of Japanese Oriental and American white patients, **67A**, *1376
Shichikawa, K. *with others*. Operations for cervical spondylotic myelopathy: a comparison of the results of anterior and posterior procedures, **67B**, *609
Shields, C.L., Jr. *with others*. The coracoid transfer for recurrent anterior instability of the shoulder in adolescents, **67A**, *383

Shields, C.L., Jr. *with others*. Surgical treatment of tears of the rotator cuff in athletes, **68A**, *887
Shifrin, L.Z. *with others*. Idiopathic transient osteoporosis of the hip, **69B**, *769
Shikata, J. *with others*. Atlanto-axial subluxation with spondyloschisis in Down syndrome: case report, **67A**, *1414
Shimada, T. *with others*. Peroneal island flap for skin defects in the lower extremity, **67A**, *935
Shimamura, K. *with others*. Free vascularized fibular transplant: a new method for monitoring circulation of the grafted fibula, **65A**, *1295
Shimizu, K. *with others*. Rupture of the extensor tendons of the fingers: report of three unusual cases, **68A**, *610
Shimokomaki, M. *with* **Duance, V.C.** *and* **Bailey, A.J.** Biochemical and immunohistological characterisation of new articular cartilage collagens, **65B**, 93
Shimomura, Y. *with others*. Operations for cervical spondylotic myelopathy: a comparison of the results of anterior and posterior procedures, **67B**, *609
Shinamura, K. *with others*. Peroneal island flap for skin defects in the lower extremity, **67A**, *935
Shindell, R. *with others*. Evaluation of the Noiles hinged knee prosthesis: a five-year study of seventeen knees, **68A**, *579
Shingu, H. *with* **Kimura, I.** *and* **Oh-Hama, M.** Cervical myelopathy treated by canal-expansive laminaplasty: computed tomographic and myelographic findings, **66A**, *914
Shino, K. *with others*. Measurement of anterior instability of the knee: a new apparatus for clinical testing, **69B**, *608
with others. Reconstruction of the anterior cruciate ligament by allogenic tendon graft: an operation for chronic ligamentous insufficiency, **68B**, *739
with others. Replacement of the anterior cruciate ligament by an allogeneic tendon graft, **66B**, *672
Shipley, J.A. *with* **Badenhorst, O.A.** Surgical correction of lower limb deformity due to rickets, **69B**, 682
with **Beukes, C.A.** Haemosiderosis, osteopenia and vertebral collapse, **68B**, 508
with **Enslin, T.B.** Scoliosis treatment by simultaneous Harrington and Dwyer instrumentation and posterior fibula graft, **68B**, 508
Shiqing, X. *with* **Quanzhi, Z.** *and* **Dehao, F.** Significance of the straight-leg-raising test in the diagnosis and clinical evaluation of lower lumbar intervertebral-disc protrusion, **69A**, *517
Shives, T.C. *with others*. Chondrosarcoma in Maffucci's syndrome, **67A**, *1214
with others. Osteosarcoma of the spine, **68A**, *660
Shoemaker, S. *with* **Markolf, K.L.** The role of the meniscus in the anterior-posterior stability of the loaded anterior cruciate-deficient knee: effects of partial versus total excision, **68A**, *71
Shoemaker, S.C. *with* **Markolf, K.L.** Effects of joint load on the stiffness and laxity of ligament-deficient knees: an *in vitro* study of the anterior cruciate and medial collateral ligaments, **67A**, *136
Shoji, H. *with others*. Fractures of the femoral shaft treated by external fixation with the Wagner device, **66A**, *360
Shokeir, M.H.K. *with* **Wedge, J.H.** *and* **Khalifa, M.M.** Skeletal anomalies in 40 patients with Noonan's syndrome, **69B**, 506
Shortkroff, S. *with others*. Synovectomy of the rheumatoid knee using intra-articular injection of dysprosium-165-ferric hydroxide macroaggregates, **69A**, *970
Shukla, R. *with others*. Comparison of epidural responses from right and left posterior tibial nerves during surgery for scoliosis, **69B**, 854
Shulman, L.E. Address to the Eighth Combined Meeting of the Orthopaedic Associations of the English-Speaking World, **69A**, 1255
Shurr, D. *with* **Coleman, D.A.** *and* **Blair, W.F.** Resection of the radial head for fracture of the radial head, **69A**, *385
Shurr, D.G. *with* **Blair, W.F.** *and* **Buckwalter, J.A.** Metacarpophalangeal joint implant arthroplasty with a Silastic spacer, **66A**, *365
Shuster, J.J. *with others*. The influence of skeletal implants on incidence of infection: experiments in a canine model, **67A**, *1236
Shuttleworth, A. *with* **Forster, I.W.** Tissue reaction to intra-articular carbon-fibre implants in the knee, **66B**, 282
Shybut, G.T. *with* **Werbel, G.B.** Acute compartment syndrome caused by a malfunctioning pneumatic-compression boot: a case report, **68A**, *1445
Shyr, H.S. *with others*. Comparison of osteotomy healing under external fixation devices with different stiffness characteristics, **66A**, *1258
Siegal, Tzony *with* **Siegal, Tali** Vertebral body resection for epidural compression by malignant tumours: results of forty-seven consecutive operative procedures, **67A**, *375
Siegel, M. *with others*. Complications of Ender-pin fixation in basicervical, intertrochanteric, and subtrochanteric fractures of the hip, *66, **65A**, 1355(*correspondence*)
Sierra, A. *with others*. High-field magnetic-resonance imaging of aseptic necrosis of the talus: a case report, **68A**, *927
Siff, S. *with others*. Shortening of the first metatarsal as a complication of metatarsal osteotomies, **66A**, *582
Siffert, R.S. Lower limb-length discrepancy, **69A**, *1100(*current concepts review*)
with others. Complications of Ender-pin fixation in basicervical, intertrochanteric, and subtrochanteric fractures of the hip, **65A**, *66, 1355(*correspondence*)
Signoret, F. *with others*. Fractured odontoid with fractured superior articular process of the axis: report of three cases, **68B**, *182
Sijbrandij, S. Reduction and stabilisation of severe spondylolisthesis: a report of three cases, **65B**, *40
Sikorski, J. *with* **Stoodley, M.** Mobility assessment of patients with arthropathy of the hip or knee, **69B**, 167
Sikorski, J.M. Bone scanning of fresh femoral neck fractures, **65B**, 667(*discussion*)
Does surgical glove powder decrease the inoculum of bacteria required to produce an abscess?, **65B**, 665(*discussion*)
Venous thrombosis produced by the local injection of fat, **65B**, *340
with **Davis, N.** *and* **Senior, J.** Domestic rehabilitation of patients with fractures of the proximal femur, **66B**, 782
with **Ecker, J.** Starvation as a cause of pathological fractures in the elderly, **66B**, 779
with **Nade, S.M.L.** A simple and comprehensive orthopaedic auditing system, **65B**, 663
with others. Fat in the genesis of deep vein thrombosis after total hip replacement arthroplasty, **65B**, 673
Silberstein, M.J. *with others*. Arthrography in the diagnosis of fractures of the distal end of the humerus in infants, **68A**, *599
Silliski, J.M. *with* **Scott, R.D.** Obturator-nerve palsy resulting from intrapelvic extrusion of cement during total hip replacement: report of four cases, **67A**, *1225
Silk, F.F. *with* **Barrington, R.L.** *and* **Abberton, J.A.** Congenital dislocation of the hip: a place for early primary surgical treatment?, (613), 792(*corrigendum*)
with **Ghali, N.N.** *and* **Abberton, M.J.** The management of metatarsus adductus et supinatus, **66B**, *376
with **Walker, A.P.** *and* **Ghali, N.N.** Congenital vertical talus: the results of staged operative reduction, **67B**, *117
with others. Congenital dislocation of the hip: a place for early primary surgical treatment, **68B**, 668
with others. The results of pantalar reduction in the management of congenital talipes equinovarus, **65B**, *1
Silva, I., Jr. *with* **Iftikhar, T.B.** *and* **Kaminski, R.S.** Neurovascular complications of the modified Bristow procedure: a case report, **66A**, *951
Silver, J.W. *with others*. Osteochondritis dissecans of the patella, **69B**, *320
Silver, R.L. *with* **de la Garza, J.** *and* **Rang, M.** The myth of muscle balance: a study of relative strengths and excursions of normal muscles about the foot and ankle, **67B**, *432
Silverstein, E. *with others*. False aneurysm in a Charcot hip: report of a case, **68A**, *462
Silverthorne, C. *with others*. The influence of skeletal implants on incidence of infection: experiments in a canine model, **67A**, *1236
Sim, F.H. Pelvic tumour resection, **67B**, 328
with **McDonald, D.J.** Total hip arthroplasty in Paget's disease: a follow-up note, **69A**, *766
with **Rock, M.G.** *and* **Chao, E.Y.** Limb salvage procedures for primary bone tumours of the shoulder, **68B**, 849
with **Rock, M.G.** *and* **Unni, K.K.** Malignant giant-cell tumour of bone, **67B**, 328
with others. Dedifferentiated chondrosarcoma: a report of the clinicopathological features and treatment of seventy-eight cases, **68A**, *1197
with others. Dedifferentiated parosteal osteosarcoma, **66A**, *53, 967(*correspondence*)
with others. Giant-cell tumor of bone, **68A**, *230, 1464(*correspondence*)
with others. Knee dislocations: current concepts in treatment, **68B**, 854
with others. Osteosarcoma of the spine, **68A**, *660
with others. Secondary malignant giant-cell tumor of bone: clinicopathological assessment of nineteen patients, **68A**, *1073
with others. Total hip arthroplasty in adolescents, **66B**, 301
Simison, A.J.M. *with* **Noble, J.** *and* **Hardinge, K.** Complications of the Attenborough knee replacement, **68B**, *100
Simkin, A. *with* **Leichter, I.** *and* **Margulies, J.** Bone-mineral content in the lower limb: relationship to cross-sectional geometry, **67A**, 1142(*correspondence*)
with **Leichter, I.** *and* **Margulies, J.Y.** Effect of intense physical activity on the bone-mineral content in the lower limbs of young adults, **69A**, 793(*correspondence*) *with others*. Stress fractures and tibial bone width: a risk factor, **69B**, *326
with others. Effect of intense physical activity on the bone-mineral content in the lower limbs of young adults, **68A**, *1090
Simm, R.J. Knee pain associated with medial patellar plica, **65B**, 671(*discussion*)
Simmonds, A.B. Anatomical trochlear stirrup arthroplasty of the rheumatoid elbow, **67B**, 676(*discussion*)
Chevron osteotomy for the treatment of hallux valgus: a review of 75 patients, **65B**, 519(*discussion*)
The Mayo ankle arthroplasty, **65B**, 521(*discussion*)

* Indicates full article or appreciable part

Simmonds, A.B., (*continued*)
The result of a case control study of host defences in haematogenous osteomyelitis of childhood, **65B**, 520(*discussion*)
The use of the Pavlik harness for congenital dislocation of the hip and neonatal hip instability, **65B**, 517(*discussion*)
with **Atkinson, D.R.** Hindfoot stabilisation in rheumatoid arthritis, **65B**, 519
Simmons, B.P. *with* **Floyd, W.E., III** *and* **Griffin, P.P.** Focal scleroderma affecting the hand: case report, **67A**, *637
Simmons, E.H. *with* **Goodwin, C.B.** *and* **Taylor, I.** Cervical vertebral-costal process (costovertebral bone) — a previously unreported anomaly: a case report, **66A**, *1477
with **Kadish, L.J.** Anomalies of the lumbosacral nerve roots. **66B**. *411
with **Roscoe, M.A.** The treatment of complete acromioclavicular dislocation, **66B**, 304
with others. Fractures of the forearm treated by compression plating: a retrospective review, **67B**, 326
Simmons, J.W. *Book reviews*, **67A**, 1455
Simms, T. *with* **Skirving, A.P.** *and* **Bailey, A.** Congenital dislocation of the hip: a connective tissue disease?, **65B**, 673
Simon, D. *with* **Carron, H.** *and* **Rowlingson, J.** The use of epidural steroids in the treatment of lumbar radicular pain: a prospective, randomized, double-blind study, **67A**, 981(*correspondence*)
Simon, K. *with* **Mulligan, M.E.** Growing bone islands revisited: a case report, **67A**, *809
Simon, M.A. Causes of increased survival of patients with osteosarcoma: current controveries, **66A**, *306(*current concepts review*)
Limb-salvage treatment versus amputation for osteosarcoma of the distal end of the femur, **69A**, 792(*correspondence*)
Rotation-plasty for childhood osteosarcoma of the distal part of the femur, **65A**, 566(*correspondence*)
The randomized clinical trial in orthopaedics: obligation or option?, **68A**, 632(*correspondence*)
with **Kirchner, P.T.** The clinical value of bone and gallium scintigraphy for soft-tissue sarcomas of the extremities, **66A**, *319
with **Nachman, J.** The clinical utility of preoperative therapy for sarcomas, **68A**, *1458(*current concepts review*)
with others. Limb-salvage treatment versus amputation for osteosarcoma of the distal end of the femur, **68A**, *1331
with others. Scintigraphy with gallium-67 citrate in staging of soft-tissue sarcomas of the extremity, **69A**, *886
with others. The malignant potential of enchondromatosis, **69A**, *269
Simon, S.R. *with others*. Femoral anteversion, **69A**, *1169
with others. Quantitative gait analysis after total knee arthroplasty for monarticular degenerative arthritis, **65A**, *605
Simoneau, R. *with others*. Correction of the kyphosis in myelomeningocele patients by both anterior and posterior stabilisation procedure, **66B**, 302
with others. Long-term complications of innominate osteotomy in the treatment of Legg – Perthes disease, **67B**, 332
with others. Spinal segmental instrumentation for the treatment of all types of paralytic scoliosis, **66B**, 299
Simonis, R.B. *Book reviews*, **66B**, 624; **67B**, 344
with **Paterson, Sir D.C.** Electrical stimulation in the treatment of congenital pseudarthrosis of the tibia, **66B**, 283; **67B**, *454
with **Taylor, L.J.** *and* **Moschos, N.** Non-union of the scaphoid: a prospective study of direct current stimulation, **67B**, 493
Simons, G.W. Complete subtalar release in club feet: part I – a preliminary report, **67A**, 1044; **68A**, 151(*correspondence*)
Complete subtalar release in club feet: part II – comparison with less extensive procedures, **67A**, *1056
with **Sty, J.R.** *and* **Starshak, R.J.** Retroperitoneal and retrofascial abscesses: a review, **65A**, *1041
Simpson, D. *with others*. The Roehampton brace, **67B**,493
Simpson, D.A. Gross displacement of a femoral shaft fracture, **68B**, *654(*brief report*)
with **Thomas, N.P.** *and* **Aichroth, P.M.** Open and closed meniscectomy: a comparative analysis, **67B**, 157, **68B**, *301
Simpson, J.M. *with others*. Anatomical variations in the first extensor compartment of the wrist: a clinical and anatomical study, **68A**, *923
Simpson, L.A. *with* **Hardegger, F.** *and* **Segmueller, G.** The syndrome of idiopathic osteolysis: classification, review and case report, **67B**, *89
with **Hardegger, F.H.** *and* **Weber, B.G.** The operative treatment of scapular fractures, **66B**, *725
with **Weber, B.G.** *and* **Hardegger, F.** Rotational humeral osteotomy for recurrent anterior dislocation of the shoulder associated with a large Hill–Sachs lesion, **66A**, *1443
Simpson, R.H.W. *with* **Kapff, P.D.** *and* **Hocken, D.B.** Elastofibroma of the hand, **69B**, *468
Simurda, M.A. *with* **Rudan, J.F.** High tibial osteotomies (valgus): a long-term follow-up, **69B**, 504
Sinding, A. *with others*. Prophylactic antibiotics in amputation of the lower extremity for ischemia: a placebo-controlled, randomized trial of cefoxitin, **67A**, *800
Singer, A. *with others*. The incidence of lumbar Scheuermann's disease in a selected adult Australian male population, **69B**, 166
Singer, M. Closed prograde nailing of femoral shaft fracture: a prospective study, **67B**, 504
with **Anderson, P.P.A.** Orthopaedic morbidity and train accidents, **69B**, 681
Singer, R.M. *with* **Aronson, D.D.** *and* **Higgins, R.F.** Skeletal traction for fractures of the femoral shaft in children: a long-term study, **69A**, *1435
Singh, O.P. The role of electrical stimulation in healing of tibial fractures, **66B**, 283
Sirna, E.C. *with others*. Late esophageal perforation from an autogenous bone graft: report of a case, **67A**, *644
Sites, T.J. *with others*. The biomechanical and morphological changes in the medial collateral ligament of the rabbit after immobilization and remobilization, **69A**, *1200
Siu, C. *with* **Yu, W.** Is a Chance fracture of the lumbar spine a stable fracture?, **69B**, 510
Siu, D. *with* **Yoshioka, Y.** *and* **Cooke, T.D.V.** The anatomy and functional axes of the femur, **69A**, *873
Siwek, C.W. *with* **Rao, J.P.** *and* **Francis, A.M.** The treatment of chronic slipped capital femoral epiphysis by biplane osteotomy, **66A**, *1169
Skelly, J.A. *with others*. Posterior spinal fusion for idiopathic scoliosis: a comparison of four methods, **68B**, 680
Skerry, T.M. *with others*. The acute effect of loading on bone tissue in vivo: a possible signal for mechanical control of bone remodelling, **68B**, 840
Skevis, X.A. Primary subacute osteomyelitis of the talus, **66B**, *101
Skinner, H.B. *with others*. Bilateral sequential tibial and fibular fatigue fractures associated with aluminum intoxication osteomalacia: a case report, **65A**, *843
with others. Infected total knee arthroplasty: the UCSF experience, **69B**, 505
Skinner, P.W. *with* **Powles, D.** Compression screw fixation for displaced subcapital fracture of the femur: success or failure?, **68B**, *78
Skinner, S.R. *with* **Schwentker, E.P.** *and* **Zaleski, R.J.** Medial knee instability complicating the Pavlik-harness treatment of congenital hip subluxation: case report, **65A**, *678
Skipper, B.J. *with others*. Isokinetic muscle imbalance and knee-joint injuries: a prospective blind study, **66A**, *734
Skirving, A.P. *with* **Perkins, R.** Callus formation and the rate of healing of femoral fractures in patients with head injuries, **69B**, *521
with **Simms, T.** *and* **Bailey, A.** Congenital dislocation of the hip: a connective tissue disease?, **65B**, 673
with **Spencer, R.** Silastic interposition arthroplasty of the shoulder, **68B**, *375
Skjodt, H. *with others*. Effects of vitamin D metabolites on human osteoblast-like cells *in vitro*, **66B**, 288
Skoff, H. *with* **Woodbury, D.F.** Management of the upper extremity in cerebral palsy, **67A**, *500(*current concepts review*)
Skyhar, M.J. *with others*. A comparison of conventional radiography and computed tomography in the evaluation of spiral fractures of the tibia, **67A**, *1388
with others. Hyperbaric oxygen reduces edema and necrosis of skeletal muscle in compartment syndromes associated with hemorrhagic hypotension, **68A**, *1218
Slabaugh, P. *with* **Ichtertz, D.R.** Thrombosis of the tibial artery associated with simultaneous fractures of the femur, tibia, and fibula: report of a case, **69A**, *775
Slack, M.P.E. *with* **Newman, R.J.** *and* **Curtis, G.W.D.** The value of synovial fluid lactate determination in the rapid exclusion of septic arthritis, **66B**, 290
Slack, R.C.B. *with others*. The penetration of antibiotics into the normal intervertebral disc, **69B**, *784
Slappey, C.E. *with* **Garth, W.P., Jr.** *and* **Ochs, C.W.** Roentgenographic demonstration of instability of the shoulder: the apical oblique projection: a technical note, **66A**, *1450
Sledge, C.B. Crisis, challenge and credibility (*First Vice-President's address*, American Orthopaedic Association), **67A**, *658
Current concepts in the delivery of American orthopaedic care, **69A**, 1284
Lowell, J. Drennan, **69A**, 1114(*obituary*)
Revision of failed total knee replacements with the Stanmore hinged knee, **67B**, 489(*discussion*)
with **Bayley, J.C.** *and* **Cochran, T.P.** The weight-bearing shoulder: the impingement syndrome in paraplegics, **69A**, *676
with others. Intravenous methylmethacrylate after total hip replacement, **66A**, *443
with others. Kinematic total knee replacement, **66A**, *1032
with others. Leakage of radioactive particle systems from a synovial joint studied with a gamma camera: its application to radiation synovectomy, **65A**, *381
with others. Long-term results of revision total hip replacement: a follow-up report, **67A**, *513
with others. Quantitative gait analysis after total knee arthroplasty for monarticular degenerative arthritis, **65A**, *605

* Indicates full article or appreciable part

Sledge, C.B., (*continued*)
with others. Synovectomy of the rheumatoid knee using intra-articular injection of dysprosium-165-ferric hydroxide macroaggregates, **69A**, *970
with others. Total knee arthroplasty in juvenile rheumatoid arthritis, **65A**, *1071
Sliman, N. *with* **Fowles, J.V.** *and* **Kassab, M.T.** The Monteggia lesion in children: fracture of the ulna and dislocation of the radial head, **65A**, *1276
Slocum, B. Donald Barclay Slocum, **67A**, 825(*obituary*)
Slot, G.H. *with* **Styblo, K.** *and* **Bossers, G.T.M.** Spinal correction osteotomy of progressive kyphosis caused by ankylosing spondylitis, **68B**, 679
Slovick, G. *with* **Edgar, M.A.** Change in the lumbar lordosis following posterior spinal fusion and instrumentation, **69B**, 852
Small, M. *with others*. Total knee arthroplasty in haemophilic arthritis, **65B**, *163
Small, P. *with others*. A critical review of 274 metacarpophalangeal arthroplasties, **66B**, 777
Smail, R.D. *with* **Thomas, B.J.** *and* **Salvati, E.A.** The CAD hip arthroplasty: five to ten-year follow-up, **68A**, *640
Smeathers, J.E. Is the intervertebral joint a shock-absorber?, **66B**, 291
Smibert, J.G. *with others*. Tendon implantation into bone: an experimental study, **67B**, 844
Smink, R.D. *with* **Cotler, H.B.** *and* **Meadowcroft, J.A.** Enteric fistula as a complication of a pelvic fracture: case report, **65A**, *854
Smith, B. *with* **Szabo, R.M.** Possible congenital osteoid-osteoma of a phalanx: a case report, **67A**, *815
Smith, B.L. *with others*. Radiation exposure and associated risks to operating-room personnel during use of fluoroscopic guidance for selected orthopaedic surgical procedures, **65A**, *1
Smith, C. *with others*. Resection of heterotopic ossification in the adult with head trauma, **67A**, *1261
with others. Sacro-iliac joint injuries in children, **67B**, 333
Smith, C.S. *with others*. Slipped upper femoral epiphysis and primary juvenile hypothyroidism, **67B**, *14
Smith, C.W. *with others*. Results of transfer of the flexor digitorum superficialis tendons to the flexor digitorum profundus tendons in adults with acquired spasticity of the hand, **69A**, *1127
Smith, G.D. *with* **Chalmers, J.** *and* **McQueen, M.M.** Osteosarcoma arising in relation to an enchondroma: a report of three cases, **68B**, *315
with **McQueen, M.M.** *and* **Chalmers, J.** Spontaneous healing of aneurysmal bone cysts: a report of two cases, **67B**, *310
with others. Idiopathic hyperphosphatasia with dermal pigmentation: a twenty-year follow-up, **68B**, *305
with others. Torsion of localised pigmented villonodular synovitis of the knee, **67B**, *564
Smith, H.G. *with others*. High-field magnetic-resonance imaging of aseptic necrosis of the talus: a case report, **68A**, *927
Smith, J.A. *with others*. Radiological and radionuclide assessment in fibrous dysplasia of bone, **68B**, 161
Smith, J.B. Osteochondritis dissecans of the femoral condyles, **67A**, 665(*correspondence*)
Smith, K.L. Olecranon overhead traction in the management of difficult supracondylar fractures of the humerus, **68B**, 676
Smith, L. *with* **Thorogood, P.** Neural crest cells and skull development, **65B**, 89
with others. The use of autogenous blood transfusion in spinal surgery, **68B**, 338
Smith, M.A. *with* **Savidge, G.F.** *and* **Fountain, E.J.** Interposition arthroplasty in the management of advanced haemophilic arthropathy of the elbow, **65B**, *436
with others. Prediction of fracture healing in the tibia by quantitative radionuclide imaging, **69B**, *441
with others. The prediction of non-union in tibial fractures using quantitative bone-scanning and fracture shift, **67B**, 146
with others. The prediction of non-union in tibial fractures using quantitative bone scanning and fracture shift, **66B**, 287
Smith, M.G.H. Congenital postural deformity of the wrist: a report of two cases, **68B**, *478
Smith, N.J. *with others*. Electrical studies in the problem back: a blind trial, **66B**, 280
Smith, R. Head injury, fracture healing and callus, **69B**, 518
with **Newman, R.J.** *and* **Radda, G.J.** Phosphorus nuclear magnetic resonance (^{31}P NMR) and hypophosphataemia, **65B**, 91
Smith, R.B. Talipes equinovarus: is the tether medial or lateral?, **65B**, 221(*discussion*)
with **McLaughlin, S.** *and* **Seedhom, B.** Anterior cruciate replacement with the Leeds–Keio prosthesis, **69B**, 161
with others. The Leeds Keio ligament in chronic anterior cruciate deficiencies: the results from three centres, **69B**, 493
with others. The results of pantalar reduction in the management of congenital talipes equinovarus, **65B**, *1
Smith, R.F. *with* **Clancey, G.J.** *and* **Madenwald, M.B.** Fractures of the distal end of the femur below hip implants in elderly patients: treatment with the Zickel supracondylar device, **65A**, *491
Smith, R.J. *with* **Friedman, R.J.** Radial-nerve laceration twenty-six years after screw fixation of a humeral fracture: a case report, **66A**, *959
Smith, R.L. *with others*. The effect of antibiotics on the destruction of cartilage in experimental infectious arthritis, **69A**, *1063
Smith, R.M. *with* **Dickson, R.A.** Experimental structural scoliosis, **69B**, *576
with **Dickson, R.A.** The pathology of experimental scoliosis, **68B**, 841
with others. Respiratory failure in idiopathic scoliosis: an animal model, **69B**, 855
Smith, S.E. *with* **DeLee, J.C.** *and* **Ramamurthy, S.** Ilioinguinal neuralgia following iliac bone-grafting: report of two cases and review of the literature, **66A**, *1306
Smith, S.R. *with* **Cullen, M.J.** *and* **Pinder, I.M.** Muscle regeneration in closed compartment syndromes: an electron microscopic study, **67B**, 319
with **Malcolm, A.J.** *and* **Gregg, P.J.** Metaphysial changes in Perthes' disease: a hypothesis, **65B**, 367
with others. Early scintigraphy of tibial-shaft fractures: prognostic value?, **65B**, 223
with others. Pathological effects of virus on bone and marrow, **65B**, 89
Smith, T.K. *Book reviews*, **68A**, 638
with others. Infection about the spine associated with low-velocity-missile injury to the abdomen, **67A**, *1195
Smith, T.W.D. *with others*. A cerclage technique for metatarsus primus varus, **69B**, 678
with others. An operation for Freiberg's disease, **67B**, 671
Smith-Hoefer, E. *with* **Szabo, R.M.** Isolated carpal synchondrosis of the scaphoid and trapezium: a case report, **67A**, *318
Smylie, H.G. *with* **Scott, J.M.** *and* **McLauchlan, J.** Sterile micro-environment in the prevention of wound infection, **67B**, 153
Smyrnis, P. *with* **Merianos, P.** *and* **Cambouridis, P.** The treatment of 143 tibial shaft fractures by Ender's nailing and early weight-bearing, **67B**, *576
with **Voutsinas, S.** *and* **Sayakos, J.** Echinococcus infestation complicating total hip replacement: a case report, **69A**, *1456
Sneath, R.S. *with* **Grimer, R.J.** *and* **Scales, J.T.** The surgical management of osteosarcoma, **69B**, 492
with **Ross, A.C.** *and* **Scales, J.T.** Endoprosthetic replacement of the humerus and elbow joint, **69B**, *652
with **Ross, A.C.** *and* **Scales, J.T.** Massive prosthetic replacement of the humerus, distal humerus and elbow joint, **69B**, 154
with **Waldram, M.A.** Giant-cell tumour of bone: analysis of 20 cases treated by curettage without bone graft, **69B**, 492
with others. Results of the treatment of osteosarcoma, **66B**, 277, 785
Sneider, P. Magnetic resonance imaging in orthopaedics, **69B**, 683
Snell, P.G. *with others*. Aerobic training exercises for individuals who had amputation of the lower limb, **69A**, *914
Snook, G.A *with* **Chrisman, O.D.** *and* **Wilson, T.C.** Long-term results of the Chrisman–Snook operation for reconstruction of the lateral ligaments of the ankle, **67A**, *1, 1404(*correspondence*)
Snowdowne, R.B. The rehabilitation of upper limb amputees at No.1 Military Hospital, **66B**, 459(*discussion*)
Snuggs, E.M. *Book reviews*, **69B**, 170
Snyder, M.A. *with others*. Synovectomy of the rheumatoid knee using intra-articular injection of dysprosium-165-ferric hydroxide macroaggregates, **69A**, *970
Snyder, R.B. *with others*. Fracture of the tibial tuberosity with associated ligamentous and meniscal tears: a case report, **66A**, *790
Snyder, S.J. *with others*. Arthroscopy — "no-problem surgery": an analysis of complications in two thousand six hundred and forty cases, **68A**, *256
So, Y.C. *with others*. *Mycobacterium marinum* infection of the hand and wrist: results of conservative treatment in twenty-four cases, **69A**, *1161
Soballe, K. *with* **Christensen, F.** Laceration of the superficial femoral artery by an intertrochanteric fracture fragment: a case report, **69A**, *781
with others. The Catterall classification of Perthes' disease: an assessment of reliability, **68B**, *614
Sobel, J.W. *with* **Bohlman, H.H.** *and* **Freehafer, A.A.** Charcot's arthropathy of the spine following spinal cord injury: a report of five cases, **67A**, *771
Sobol, P.A. *with others*. Prefabricated functional braces for the treatment of fractures of the tibial diaphysis, **66A**, *1328
Soeur, R. Muscle pedicle flap in the treatment and prevention of postoperative bone infection, **66B**, 146(*discussion*)
The long-term results of late subtalar arthrodesis after injury of the hindfoot, **66B**, 144(*discussion*)
Sogaard, I. *with* **Merrild, U.** Sciatica caused by perifibrosis of the sciatic nerve, **68B**, *706(*brief report*)
Sohn, R.S. *with* **Micheli, L.J.** *and* **Solomon, R.** Stress fractures of the second metatarsal involving Lisfranc's joint in ballet dancers: a new overuse injury of the foot, **67A**, *1372
Sokal, M.P.J.W. *with* **Turner, P.L.** *and* **Webb, J.K.** Surgery for spinal tumours, **68B**, 670
Sokolow, D. *with others*. Optimizing tourniquet application and release times in extremity surgery: a biochemical and ultrastructural study, **67A**, *303
Solomon, A. *with others*. Costovertebral anomalies in osteogenesis imperfecta, **67B**, *602

* Indicates full article or appreciable part

Solomon, L. Beukes' familial hip dysplasia, **67B**, 506(*discussion*)
Configuration of the laminae and the facet joints of the lumbar spine and their clinical significance in degenerative spondylolisthesis, **67B**, 500(*discussion*)
Core decompression of the femoral head for osteonecrosis, **69A**, 1108(*correspondence*)
Local recurrence after prosthetic replacement for chondrosarcoma, **67B**, 497(*discussion*)
The cervical spine in rheumatoid arthritis, **67B**,503(*discussion*)
with **Schnitzler, C.M.** Bone changes after alcohol abuse, **67B**, 506
with **Schnitzler, C.M.** Bone changes in alcohol abuse, **68B**, 495
with **Schnitzler, C.M.** Bone turnover in osteoarthritis of the hip, **67B**, 318
Solomon, R. *with* **Micheli, L.J.** *and* **Sohn, R.S.** Stress fractures of the second metatarsal involving Lisfranc's joint in ballet dancers: a new overuse injury of the foot, **67A**, *1372
Soltanpur, A. The long-term results of conservative management of full-thickness tears of the rotator cuff, **68B**, 162(*discussion*)
Somerville, E.W. Problem of the over-reduced hip in congenital dislocation, **69B**, 850
with others. Bi-planar spinal asymmetry: the pathogenesis of idiopathic scoliosis, **66B**, 143
with others. Combined median and coronal plane asymmetry: the essential lesion of progressive idiopathic scoliosis, **65B**, 368
Sonbol, H. A two-year prospective study of intracapsular femoral neck fractures: mortality and mechanical failure, **68B**, 157(*discussion*)
Soni, P.L. *with others.* Pyogenic and fungal vertebral osteomyelitis with paralysis, **65A**, *19
Soni, R.K. *with* **Cavendish, M.E.** A review of the Liverpool elbow prosthesis from 1974 to 1982, **66B**, *248
Sonnabend, D.H. *with* **Faithfull, D.K.** *and* **Breit, R.** Assessment of the use of external fixators for fractures of the distal end of the radius, **66B**, 777
with **Faithfull, D.K.** Computerised arthrotomography at the glenohumeral joint, **69B**, 163
with **Faithfull, D.K.** Operative repair of acromioclavicular dislocation, **66B**, 789
Sonne-Holm, S. *with others* Prophylactic antibiotics in amputation of the lower extremity for ischaemia: a placebo-controlled randomized trial of cefoxitin, **67A**, *800; **68A**, 950(*correspondence*)
with others. Long-term follow-up of meniscectomy in athletes: a prospective longitudinal study, **69B**, *80
Sonneck, J.M. *with others.* Dermatitis due to orthopaedic implants: a review of the literature and report of three cases, **69A**, *1408
Sonnino, M. Slipped capital femoral epiphysis: the Bloemfontein experience, **66B**, 448(*discussion*)
with **Barnes, D.I.** Fracture of the distal third of the femoral shaft in adults treated by open reduction and AO plating and then Dyna-brace mobilisation of the knee, **67B**, 504
with **Scher, M.A.** Operative management of acute-on-chronic and chronic slipped capital femoral epiphysis, **66B**, 448
Sorbie,, C. Address to Eighth Combined Meeting of the Orthopaedic Associations of the English-Speaking World, **69A**, 1252
Sorby-Adams, G. Domestic rehabilitation of patients with fractures of the proximal femur, **66B**, 782(*discussion*)
Soriano, E. *with others.* Perioperative cefamandole prophylaxis against infections, **69A**, *1189
Sosa, D. *with others.* Acute septic arthritis: what is the outcome?, **68B**, 333
Sosman, J.L. *with others.* Intravenous methylmethacrylate after total hip replacement, **66A**, *443
Soszka, T.W. *with others.* Total hip replacement induces injury to remote veins in a canine model, **65A**, *97
Soudry, M. *with* **Merkow, R.L.** *and* **Insall, J.N.** Patellar dislocation following total knee replacement, **67A**, *1321
with others. Anatomy of the normal knee as seen by magnetic resonance imaging, **68B**, *117
with others. Successive bilateral total knee replacement, **67A**, *573
Soule, E.H. *with others.* Extra-abdominal desmoid tumours, **66A**, *1369
Souter, W. *with others.* Management of the upper limb deficient child with a powered prosthetic device, **67B**,333
Souter, W.A. *Book reviews*, **66B**, 152, 156
with **Nicol, A.C.** *and* **Paul, J.P.** Anatomical trochlear stirrup arthroplasty of the rheumatoid elbow, **67B**, 676
with **Nicol, A.C.** *and* **Paul, J.P.** Souter-Strathclyde arthroplasty of the rheumatoid elbow, **67B**, 154
with others. Idiopathic hyperphosphatasia with dermal pigmentation: a twenty-year follow-up, **68B**, *305
Southwick, S.M. *with* **White, A.A., II.** The use of psychological tests in the evaluation of low-back pain, *560(*current concepts review*), 1356(*correspondence*)
Southwick, W.O. Slipped capital femoral epiphysis, **66A**, 1151(*editorial*)
Slipped capital femoral epiphysis: the Bloemfontein experience, **66B**, 448(*discussion*)
with others. An epidemiological study of acute prolapsed cervical intervertebral disc, **66A**, *907
with others. The anterior retropharangeal approach to the upper part of the cervical spine, **69A**, *1371
Southwood, R. *with others.* Scoliosis screening: a needs study, **69B**, 167
Southwood, R.J. *with others.* Infection in experimental hip arthroplasties II: gentamicin-incorporated bone cement, **68B**, 338
Southwood, R.T. Bone scanning of fresh femoral neck fractures **65B**, 666(*discussion*)
Surgical reconstruction of the quadriplegic hand, **65B**, 667(*discussion*)
with **Foster, B.K.** *and* **Sandow, M.** Supracondylar fractures of the humerus in childhood: the Flinders Medical Centre experience (1976-1980), **65B**, 674
with **Rice, J.** *and* **McDonald, R.** Rifampicin compared to flucloxacillin in controlling experimental staphylococcal infection in rabbit hip arthroplasties, **69B**, 165
with others. Experiments in arthroplasty infection using a rabbit hip model, **65B**, 664
with others. Infection in experimental hip arthroplasties, **67B**, *229
with others. Infection in a hip prosthesis model, **65B**, 100
Sovio, O.M. *with* **Boyle, M.R.** *and* **Meek, R.N.** Bicondylar tibial plateau fractures, **68B**, 850
with **Gropper, P.T.** Wrist arthrodesis, **68B**, 856
Sowa, D.T. *with* **Dorfman, H.D.** Unusual localization of adamantinoma of long bones: report of a case of isolated fibular involvement, **68A**, *293
Spadini, E. *with others.* Dextran/aspirin versus heparin/dihydroergotamine in preventing thrombosis after hip fractures, **67B**, *305
Spängler, H. *with* **Strickner, M.** *and* **Martinek, H.** Post-traumatic pain in the ulnar part of the wrist joint, **68B**, 507
Spanier, S. *with others.* The influence of skeletal implants on incidence of infection: experiments in a canine model, **67A**, *1236
Spanier, S.S. *with others.* The comparative value of bone scintigraphy and computed tomography in determining bone involvement by soft-tissue sarcomas, **66A**, *1400
Speck, G. *with* **O'Brien, J.P.** Simultaneous combined anterior and posterior fusion of the lumbar spine, **69B**, 164
Speck, G.R. Chymopapain in intradiscal therapy, **66A**, 808(*correspondence*)
with **Chopin, D.C.** The surgical treatment of Scheuermann's kyphosis, **68B**, *189
with **McCall, I.W.** *and* **O'Brien, J.P.** Terminology and measurement of spondylolisthesis, **66A**, 631(*correspondence*)
Speers, D. *with others.* Acute haematogenous osteomyelitis and septic arthritis—a single disease: an hypothesis based upon the presence of transphyseal blood vessels, **68B**, *268
Spencer, G.E., Jr. *with others.* Predicting the success of reambulation in patients with Duchenne muscular dystrophy, **65A**, *719
Spencer, J.D. Bone and joint infection in a renal unit, **68B**, *489
with others. Early avascular necrosis of the femoral head: report of a case and review of the literature, **68B**, *414
Spencer, R. *with* **Skirving, A.P.** Silastic interposition arthroplasty of the shoulder, **68B**, *375
Spencer, R.F. Effect of head injury on fracture healing, **69B**, 680
The effect of head injury on fracture healing: a quantitative assessment, **69B**, *525
Spengler, D.M. *Book reviews*, **65A**, 285, 1036; **66A**, 637
Degenerative stenosis of the lumbar spine, **69A**, *305(*current concepts review*)
with **Bolender, N-F.** *and* **Schönström, N.S.R.** Role of computed tomography and myelography in the diagnosis of central spinal stenosis, **67A**, *240
Spiegel, P.G. *with others.* A prospective, randomized study of the management of severe ankle fractures, **67A**, *67
Spiegl, P.V. *with* **Johnson, K.A.** Extensor hallucis longus transfer for hallux varus deformity, **66A**, *681
Spiegler, G. *with* **Schultz, R.J.** *and* **Diwan, L.** Palmar displacement of the distal end of the ulna in rheumatoid arthritis: a case report, **68A**, *1280
Spjut, H.J. *with* **Thorpe, C.D.** Coccidioidal osteomyelitis in a child's finger: a case report, **67A**, *330
Sponseller, P.D. *with* **McBeath, A.A.** *and* **Perpich, M.** Hip arthrodesis in young patients: a long-term follow-up study, **66A**, *853
with others. Results of surgical treatment of adults with idiopathic scoliosis, **69A**, *667
Sporn, A.A. *with* **Bonamo, J.J.** *and* **Krinick, R.M.** Rupture of the patellar ligament after use of its central third for anterior cruciate reconstruction: a report of two cases, **66A**, *1294
Spratt, K.F. *with others.* Lumbar disc herniation: a comparison of the results of chemonucleolysis and open discectomy after ten years, **68A**, *43
Spreuwers, C.P. *with* **Gropper, P.T.** Isolated injury of the ulnar nerve motor branch, **66B**, 297
Spriggins, A.J. *with* **Kenwright, J.** Effects of distraction epiphysiolysis on the proximal tibial epiphysis of rabbits, **68B**, 840
Springfield, D. *with* **Enneking, W.F.** *and* **Gross, M.** The surgical treatment of parosteal osteosarcoma in long bones, **67A**, *125
with others. Adjuvant chemotherapy for malignant fibrous histiocytoma in the femur and tibia, **67A**, *620
Springfield, D.S. *with* **Foster, W.C.** *and* **Brown, K.L.B.** Pseudotumor of the arm associated with rupture of silicone-gel breast prostheses: report of two cases, **65A**, *548
with **Pagliarulo, C.** Fractures of long bones previously treated for Ewing's sarcoma, **67A**, *477
with others. Aneurysmal bone cyst of the spine, **67A**, *527
with others. Chondroblastoma: a review of seventy cases, **67A**, *748

* Indicates full article or appreciable part

Springfield, D.S., (*continued*)
with others. The comparative value of bone scintigraphy and computed tomography in determining bone involvement by soft-tissue sarcomas, **66A**, *1400
Sprowl, D.W. *with others*. Isokinetic strength of the shoulder after replacement of a torn rotator cuff, **69A**, *1041
Spycher, M.A. *with* **Lothe, K.** *and* **Rüttner, J.R.** Focal lacunar resorption in the articular cartilage of femoral heads, **67B**, *543
Sridhar, S. Transverse myelitis following chemonucleolysis: report of a case, **67A**, 346(*correspondence*)
Srikrishnamurthy, K. *with* **Upadhyay, S.S.** *and* **Moulton, A.** An analysis of the late effects of traumatic posterior fractures, **65B**, *150
St-Cyr, Y. *with* **Blanchette, M.H.** Orthopaedic deformities in agenesis of the corpus callosum and polyneuropathy, **66B**, 302
Stableforth, P.G. *Book reviews*, **65B**, 231
Four-part fractures of the neck of the humerus, **66B**, *104
with others. A prospective study of the treatment of acromioclavicular dislocation, **66B**, 279
Stabler, C.L. *with others*. Failure of posterior cervical fusions using cadaveric bone graft in children, **67A**, *370
Stack, G. *Book reviews*, **67B**, 342
Staddon, G. *with others*. Fat in the genesis of deep vein thrombosis after total hip replacement arthroplasty, **65B**, 673
Stacheli, J.W. *with* **Cass, J.R.** *and* **Morrey, B.F.** Condylar total knee arthroplasty after failed proximal tibial osteotomy, **69A**, *28
with others. Knee dislocations: current concepts in treatment, **68B**, 854
Stafford, H. *with* **Oni, O.O.A.** *and* **Gregg, P.J.** Soft-tissue damage following tibial shaft fractures: an experimental study, **69B**, 495
Stagnara, P. Bi-planar spinal asymmetry: the pathogenesis of idiopathic scoliosis, **66B**, 143(*discussion*)
Staheli, L.T. *with* **Barrett, W.P.** *and* **Chew, D.E.** The effectiveness of the Salter innominate osteotomy in the treatment of congenital dislocation of the hip, **68A**, *79
with **Chew, D.E.** *and* **Corbett, M.** The longitudinal arch: a survey of eight hundred and eighty-two feet in normal children and adults, **69A**, *426
with others. Lower-extremity rotational problems in children: normal values to guide management, **67A**, *39, 824(*correspondence*)
Stahl, P. *with* **Mestdagh, H.** *and* **Gougeon, F.** The long-term results of late subtalar arthrodesis after injury of the hindfoot, **66B**, 144
Stainsby, G.D. *with* **Hughes, J.R.** The long and the short of it: a matter of dominance, **68B**, 156
Stallard, J. *with* **Rose, G.K.** *and* **Sankarankutty, M.** A clinical review of the orthotic treatment of myelomeningocele patients, **65B**, *242
Stalley, P. *with* **Tyler, H.D.** Neurological problems in rheumatoid subluxation of the cervical spine, **69B**, 164
Stambough, J.L. *with* **Booth, R.E., Jr.** *and* **Rothman, R.H.** Transient hypercorticism after epidural steroid injection: a case report, **66A**, *1115
with others. Calcium flux and endogenous calcium content in isolated mammalian growth-plate chondrocytes, hyaline-cartilage chondrocytes, and hepatocytes, **67A**, *113
with others. Sciatica from a sciatic neurilemoma: a case report and review of the literature, **68A**, *1456
Stamp, T.C.B. *with others*. Mineral formation in the osteoid of human bone, **65B**, 92
with others. Ultrastructural changes in the osteoid of patients with fibrogenesis imperfecta ossium, **67B**, 318
Stamp, W.G. *with* **Wang, G-J.** *and* **Miller, T.O.** Femoral fracture following hip arthroplasty: brief note on treatment, **67A**, *956
with others. A bow for application of traction to the spine: technical note, **68A**, * 306
with others. The effect of core decompression on femoral head blood flow in steroid-induced avascular necrosis of the femoral head, **67A**, *121
Stampler, D. *with others*. Painful piezogenic heel papules: a case report, **67A**, *640
Stanciu, C. *with others*. The value of computerised tomography in the evaluation of recurrent patellar subluxation, **69B**, 504
Stanescu, R. *with* **Stanescu, V.** *and* **Maroteaux, P.** Pathogenic mechanisms in osteochondrodysplasias, **66A**, *817
Stanescu, V. *with* **Stanescu, R.** *and* **Maroteaux, P.** Pathogenic mechanisms in osteochondrodysplasias, **66A**, *817
Staniforth, P. *with others*. Urinary retention after total hip replacement: a prospective study, **69B**, *64
Stanitski, C.L. *Book reviews*, **69A**, 638
with **Micheli, L.J.** *and* **Hall, J.E.** The correction of spinal deformity in idiopathic torsional dystonias, **65A**, *980
Stanley, D. *with others*. A cerclage technique for metatarsus primus varus, **69B**, 678
Stanley, E.A. *with* **Grogan, D.P.** *and* **Bobechko, W.P.** The congenital undescended scapula: surgical correction by the Woodward procedure, **66B**, 302
with **Grogan, D.P.** *and* **Bobechko, W.P.** The congenital undescended scapula: surgical correction by the Woodward procedure, **65B**, *598
Stansfeld, A.G. *with others*. Rosai-Dorfman disease presenting as spinal tumour: a case report with ultrastructural and immunohistochemical studies, **67A**, *1427
Stanton, R.P. *with others*. Prior deposition of autologous blood in elective orthopaedic surgery, **69A**, *320
Staple, T.W. Post-traumatic osteolysis of the pubic bone simulating a malignant lesion, **66A**, 1143(*correspondence*)
Pubic osteolysis, **66A**, 1143(*correspondence*)
Stark, H. *with* **Jobe, F.W.** *and* **Lombardo, S.J.** Reconstruction of the ulnar collateral ligament in athletes, **68A**, *1158
Stark, H.H. *with others*. Operative treatment of intra-articular fractures of the dorsal aspect of the distal phalanx of digits, **69A**, *892
with others. Treatment of selected patients with an ununited fracture of the proximal part of the scaphoid by excision of the fragment and insertion of a carved silicone-rubber spacer, **66A**, 510; **67A**, 345(*correspondence*)
Starshak, R.J. *with* **Simons, G.W.** *and* **Sty, J.R.** Retroperitoneal and retrofascial abscesses: a review, **65A**, *1041
Stäubli, H.U. *with* **Jacob, R.P.** *and* **Deland, J.T.** Grading the pivot shift: objective tests with implications for treatment, **69B**, *294
Stauffer, E.S. *Book reviews*, **65A**, 572; **66A**, 478
Internal fixation of fractures of the thoracolumbar spine, **66A**, *1136(*current concepts review*)
The halo external fixator, **68A**, 319(*editorial*)
with **Segal, L.S.** *and* **Grimm, J.O.** Non-union of fractures of the atlas, **69A**, *1423
Stauffer, R.N. Ten-year follow-up study of total hip replacement, **65A**, 711(*correspondence*)
with **Rand, J.A.** *and* **Chao, E.Y.S.** Kinematic rotating-hinge total knee arthroplasty, **69A**, *489
Stead, A.C. *with others*. Electrical stimulation of fracture healing assessed by the extraction of methylene diphosphonate, **65B**, 364
with others. The effect of induced electric currents on bone after experimental osteotomy in sheep, **67B**, *463
Stedman, G.H. *with others*. Sciatica caused by an avulsion fracture of the ischial tuberosity: a case report, **69A**, *143
Steel, H.H. Rib resection and spine fusion in correction of convex deformity in scoliosis, **65A**, *290
The metaphyseal blanch sign of slipped capital femoral epiphysis, **68A**, *920
with **Clancy, M.** The effect of an incomplete intertrochanteric osteotomy on Legg–Calvé– Perthes disease, **67A**, *213
with others. Iliofemoral fusion for proximal femoral focal deficiency, **69A**, *837
with others. The Syme amputation in patients with congenital pseudoarthrosis of the tibia, **65A**, *533
Steel, W.M. *Book reviews*, **65B**, 527, 683
Book reviews, **69B**, 171, 688
Steele, R.W. *with* **Morrissy, R.T.** *and* **Gerdes, M.H.** Localised immune complexes and slipped upper femoral epiphysis, **65B**, *574
Steffee, A.D. *with* **Ferrari, B.** Trapeziometacarpal total joint replacement using the Steffee prosthesis, **68A**, *1177
Stegman, C.J. *with* **Kaplan, S.S.** Transient osteoporosis of the hip: a case report and review of the literature, **67A**, *490
Steigbigel, R.T. *with* **Younkin, S.** *and* **Evarts, C.M.** *Candida parapsilosis* infection of a total hip-joint replacement: successful reimplantation after treatment with amphotericin B and 5-fluorocytosine: a case report, **66A**, *142
Steijn-Myagkaya, G.L. *with* **James, J.** Death of osteocytes: electron microscopy after in vitro ischaemia, **68B**, *620
Stein, G.A. *with others*. Femoral varus-derotation osteotomy in spastic cerebral palsy, **67A**, *1229
Stein, M. *with others*. Effect of intense physical activity on the bone-mineral content in the lower limbs of young adults, **68A**, *1090
with others. Recurrent stress fractures in military recruits: one-year follow-up of 66 recruits, **68B**, *439
with others. Stress fractures and tibial bone width: a risk factor, **69B**, *326
with others. Stress fractures in military recruits, **67B**, *732
Stein, R.E. Reconstruction of the superior peroneal retinaculum using a portion of the peroneus brevis tendon: a case report, **69A**, *298
Rupture of the posterior tibial tendon in closed ankle fractures: possible prognostic value of a medial bone flake: report of two cases, **67A**, *493
Steinberg, G.G. *Book reviews*, **66A**, 156
Steinberg, M.E. *with others*. The infected hip after total hip arthroplasty, **66A**, *1393
Steinberg, R. *with others*. Effect of intense physical activity on the bone-mineral content in the lower limbs of young adults, **68A**, *1090
with others. Stress fractures and tibial bone width: a risk factor, **69B**, *326
with others. Stress fractures in military recruits, **67B**, *732
Steiner, R.E. Nuclear magnetic resonance: its clinical application, **65B**, *533(*invited article*)
Steingold, R.F. *with others*. Acromioclavicular joint injuries: a five-year review of conservatively treated patients, **69B**, 490
with others. Aetiological studies in Dupuytren's disease, **66B**, 288
with others. Measurement of knee ligament laxity, **69B**, 159
with others. The conservative treatment of acromioclavicular dislocation: review after five years, **69B**, *719

* Indicates full article or appreciable part

Stener, B. *with* **Romanus, B.** *and* **Lindahl, S.** Accessory soleus muscle: a clinical and radiographic presentation of eleven cases, **68A**, *731
Stephen, J.P. Cerebral palsy scoliosis: modern management, **68B**, 335
with **Bodel, J.G.** Luque rods in the treatment of kyphosis in myelomeningocele, **65B**, 98
with **Hargraves, R.A.** Internal bracing for scoliosis: the subcutaneous Harrington rod, **69B**, 164
Stephen, J.P.H. Idiopathic scoliosis: is it really?, **66B**, 790
Stephen, R.O. *with others*. Measurement of knee ligament laxity, **69B**, 159
Stephenson, D. *with* **Wedge, J.H.** One hundred and eight consecutive gunshot wounds of the musculoskeletal system in a civilian population, **66B**, 295
Stephenson, J.R. Treatment of displaced intra-articular fractures of the calcaneus using medial and lateral approaches, internal fixation, and early motion, **69A**, *115
Stephenson, R.B. *with others*. Fibrous dysplasia: an analysis of options for treatment, **69A**, *400
Stern, P.J. Refracture of bones of the forearm after plate removal, **67A**, 505(*correspondence*)
with **Caudle, R.J.** Melorheostosis of the hand: a case report with long-term follow-up, **69A**, *1229
with **Caudle, R.J.** Severe open fractures of the tibia, **69A**, *801
with **Lim, E.V.A.** *and* **Krieg, J.K.** Giant metacarpal osteoma: a case report, **67A**, *487
with **Lim, E.V.A.** Candida infection after implant arthroplasty: a case report, **68A**, *143
with others. Complications of scaphoid silicone arthroplasty, **67A**, *422
with others. Functional reconstruction of an extremity by free tissue transfer of the latissimus dorsi, **65A**, *729; **66A**, 806(*correspondence*)
with others. Intramedullary fixation of humeral shaft fractures, **66A**, *639
Stern, R.E. Possible congenital osteoid-osteoma of a phalanx: a case report, **67A**, 1307(*correspondence*)
Steven, M.M. *with others*. Total knee arthroplasty in haemophilic arthritis, **65B**, *163
Stevens, A. *with others*. Osteomalacia and femoral neck fractures in the elderly patient, **69B**, *388
with others. Screening for osteomalacia in elderly patients with femoral neck fractures, **69B**, *765
Stevens, D.B. William Kenney Massie, Jr., **65A**, 426(*obituary*)
with others. Tarsal and carpal coalition and symphalangism of the Fuhrmann type: report of a family, **67A**, *884
Stevens, H.E.G. Congenital dislocation of the hip, **67B**, 677(*discussion*)
Congenital dislocation of the hip in the newborn: a postnatal survey, **67B**, 674(*discussion*)
Diagnostic arthroscopy of the knee in children, **67B**, 675(*discussion*)
The use of the Pavlik harness for congenital dislocation of the hip and neonatal hip instability, **65B**, 517
Stevens, J. An experience of the signal arm (K-Y) nail, **67B**, 147(*discussion*)
Femoral neck fractures: an "at risk" population, **67B**, 495(*discussion*)
with **Ions, G.K.** Prediction of survival in patients with femoral neck fractures, **69B**, *384
with **Ions, K.** A computerised study of high femoral fractures: initial results, **67B**, 146
with **Pooley, J.** *and* **Pooley, J.E.** Evidence for an intra-osseous arteriovenous shunt operating in long bones during exercise conditions, **67B**, 319
with **Quinby, J.M.** *and* **Ions, G.K.** A two-year prospective study of intracapsular femoral neck fractures: mortality and mechanical failure, **68B**, 157
with others. A comparison of operative and conservative treatment for unstable trochanteric fractures, **67B**, 495
with others. An ultrasonic method for measuring spinal curvature, **67B**, 320
Stevens, J.M. *Book reviews*, **66B**, 793
with others. Transoral decompression and posterior fusion for rheumatoid atlanto-axial subluxation, **68B**, *350
Stevens, P.M. *with* **Menelaus, M.B.** *and* **Williams, P.F.** Innominate osteotomy for Perthes' disease, **65B**, 102
Stevenson, G.W. *with* **Banna, M.** *and* **Tumiel, A.** Unilateral atlanto-occipital dislocation complicating an anomaly of the atlas: a case report, **65A**, *685
Stevenson, S. The immune response to osteochondral allografts in dogs, **69A**, *573
Stewart, C. *with others*. Wedge resection of amputation stumps: a valuable salvage procedure, **69B**, *306
Stewart, G.J. *with others*. Total hip replacement induces injury to remote veins in a canine model, **65A**, *97
Stewart, H.D. *with* **Innes, A.R.** *and* **Burke, F.D.** Functional cast-bracing for Colles' fractures: a comparison between Orthoplast cast-bracing and conventional plaster cast, **66B**, 286
with **Innes, A.R.** *and* **Burke, F.D.** Functional cast-bracing for Colles' fractures, **66B**, *749
Stewart, J.D.M. *with* **Evans, T.A.** *and* **Sullivan, M.F.** Arthrodesis of the hip, **69B**, 488
Stewart, K. *with* **Howie, C.R.** *and* **Fulford, G.E.** Subtalar arthrodesis by cancellous grafts and metallic internal fixation: a modification of technique and long-term review, **69B**, 492
Stewart, M.J. *with* **Beeler, T.C.** *and* **McConnell, J.C.** Compression arthrodesis of the ankle: evaluation of a cosmetic modification, **65A**, *219
Stewart, R.J. *with* **Patterson, C.C.** *and* **Mollan, R.A.B.** Ossification of the normal femoral capital epiphysis, **68B**, *653(*brief report*)
Stewart, W. *with others*. Rib perichondrial grafts for the repair of full-thickness articular-cartilage defects: a morphological and biochemical study in rabbits, **67A**, *911
Stiles, P.J. *Book reviews*, **67B**, 515; **68B**, 170
with **Jones, N.S.** *and* **Anderson, D.J.** Osteomyelitis in a general hospital: a five-year study showing an increase in subacute osteomyelitis, **69B**, *779
Stillwell, A. *with* **Mazur, J.M.** *and* **Menelaus, M.** The significance of spasticity in the upper and lower limbs in myelomeningocele, **68B**, *213
with **Menelaus, M.B.** Walking ability after transplantation of the iliopsoas, **66B**, *656
Stillwell, A.S. *with* **Menelaus, M.B.** Which children with spina bifida keep on walking?, **65B**, 666
Stimpson, K.D. *with others*. Anatomical variations in the first extensor compartment of the wrist: a clinical and anatomical study, **68A**, *923
Stinchfield, F. *with* **Grelsamer, R.** The need for a standardized system for evaluating results of total hip surgery, **67A**, 1143(*correspondence*)
Stinchfield, F.E. 100th Birthday Tribute to Sir Harry Platt, **68B**, 694
Stinson, J. *with* **Ruby, L.K.** *and* **Belsky, M.R.** The natural history of scaphoid non-union: a review of fifty-five cases, **67A**, *428
Stirling, A.J. *with* **Dias, J.J.** *and* **Finlay, D.** Computerised tomography in tibial plateau fractures, **67B**, 845
with **Dickson, R.A.** Idiopathic scoliosis: the Leeds epidemiological survey, **68B**, 497
with **Whitaker, I.A.** *and* **Dickson, R.A.** The first year's follow-up of the MRC scoliosis screening programme, **69B**, 851
with others. Computerised axial tomography for tibial plateau fractures, **69B**, *84
with others. Intracompartmental pressure monitoring of leg injuries: an aid to management, **67B**, *53
Stock, G. *Book reviews*, **65B**, 528
Stockley, I. *with* **Porter, M.L.** Fractures of the distal radius: intermediate and end-results in relation to radiological parameters, **68B**, 666
with others. Electromyography and "bony" sciatica, **67B**, 499
with others. The value of computerised tomography and radiculography in the diagnosis of lumbar lateral canal stenosis, **68B**, 670
Stoker, D. *Book reviews*, **65B**, 682; **66B**, 793
with others. Arthrography of the shoulder following surgical repair of the rotator cuff, **65B**, 219
Stoker, D.J. Avulsion of the distal pole of the patella in cerebral palsy, **67B**, 846(*discussion*)
with others. Arthrography of the shoulder after operative repair of the torn rotator cuff, **68B**, *147
Stokes, I.A.F. *with* **Moreland, M.S.** Measurement of the shape of the surface of the back in patients with scoliosis: the standing and forward-bending positions, **69A**, *203
Stolt, J. *with* **Gertzbein, S.D.** *and* **Jacobs, R.** Results of a locking hook spinal rod system for fractures of the thoracic and lumbar spine, **68B**, 853
Stone, E.A. *with others*. Total hip replacement induces injury to remote veins in a canine model, **65A**, *97
Stone, J.W. *with others*. Dural ectasia associated with spontaneous dislocation of the upper part of the thoracic spine in neurofibromatosis: a case report and review of the literature, **69A**, *1079
Stone, K.H. *Book reviews*, **68B**, 343
Stone, M.H. *with* **Newman, R.J.** *and* **Mukherjee, S.K.** Accelerated fracture union in association with severe head injury, **69B**, 493
with others. Attenuation of sound transmission in congenital dislocation of the hip, **69B**, 850
with others. Urinary retention after total hip replacement: a prospective study, **69B**, *64
Stone, M.L. *with others*. Instrumented measurement of anterior laxity of the knee, **67A**, *720
Stone, R.G. *with* **Barber, F.A.** Meniscal repair: an arthroscopic technique, **67B**, *39
Stoodley, M. *with* **Sikorski, J.** Mobility assessment of patients with arthropathy of the hip or knee, **69B**, 167
Storey, B.T. *with others*. Calcium flux and endogenous calcium content in isolated mammalian growth-plate chondrocytes, hyaline-cartilage chondrocytes, and hepatocytes, **67A**, *113
Stossel, C.A. Intramedullary compression nail for difficult femoral fractures, **67B**, 494(*discussion*)
Stothard, J. *with* **Nutton, R.W.** Acute calcific supraspinatus tendinitis in a three-year-old child, **69B**, *148(*brief report*)
Stother, I.G. *with* **Suman, R.K.** *and* **Illingworth, G.** Diagnostic arthroscopy of the knee in children, **67B**, 675
with **Suman, R.K.** *and* **Illingworth, G.** Diagnostic arthroscopy of the knee in children, **66B**, *535
Stovell, P. *with others*. Non-operative treatment of severe injuries to the medial and anterior cruciate ligaments of the knee, **66A**, *741
Stoward, P.J. *with others*. Quadriceps muscle wasting and protein synthesis studied by stable isotope techniques in patients with unilateral fracture of the tibia, **68B**, 498

* Indicates full article or appreciable part

Stower, M.J. *with* **Worlock, P.H.** *and* **Barbor, P.** Fracture patterns in child abuse, **69B**, 154
Strachan, J.C.H. Lipmann Kessel, **69B**, 146(*obituary*)
with **Kernohan, J.G.** *and* **Jameson Evans, D.C.** An experience of the signal arm (K-Y) nail, **67B**, 147
Strachan, R.K. Tibial fracture-healing patterns seen when using external skeletal fixation, **67B**, 146(*discussion*)
with others. Prediction of fracture healing in the tibia by quantitative radionuclide imaging, **69B**, *441
with others. The prediction of non-union in tibial fractures using quantitative bone scanning and fracture shift, **66B**, 287
with others. The prediction of non-union in tibial fractures using quantitative bone-scanning and fracture shift, **67B**, 146
Strachan, W.E. *with* **Irvine, G.B.** The long-term results of anterior cervical decompression fusion in spondylotic myelopathy, **66B**, 611
Strange, F.G. StC. Unilateral facet dislocation of the cervical spine, **66B**, 147(*discussion*)
Strathy, G.M. *with* **Johnson, E.W., Jr.** Complications of Ender-pin fixation in basicervical, intertrochanteric, and subtrochanteric fractures of the hip, **65A**, 1031(*correspondence*)
Strating, H. *with* **Grobbelaar, C.J.** *and* **Jonck, L.M.** Glass ceramic in total joint replacement, **69B**, 681
with **Jonck, L.M.** *and* **Grobbelaar, C.J.** Glass-ceramic cements: a possible alternative for polymethylmethacrylate (PMMA) in arthroplasty, **67B**, 505
Strauss, H.W. *with others.* Detection of pulmonary emboli after total hip replacement using serial $C^{15}O_2$ pulmonary scans, **66A**, *1388
Strauss, M.B. *with others.* Hyperbaric oxygen reduces edema and necrosis of skeletal muscle in compartment syndromes associated with hemorrhagic hypotension, **68A**, *1218
with others. Reduction of skeletal muscle necrosis using intermittent hyperbaric oxygen in a model compartment syndrome, **65A**, *656
Stray-Gunderson, J. *with others.* Aerobic training exercises for individuals who had amputation of the lower limb, **69A**, *914
Strecker, W.B. *with* **Schoenecker, P.L.** Congenital dislocation of the hip in children: comparison of the effects of femoral shortening and of skeletal traction in treatment, **66A**, *21
with **Wood, M.B.** *and* **Bieber, E.J.** Compartment syndrome masked by epidural anesthesia for postoperative pain: report of a case, **68A**, *1447
Strickner, M. *with* **Martinek, H.** *and* **Spängler, H.** Post-traumatic pain in the ulnar part of the wrist joint, **68B**, 507
with **Schmidt, L.** *and* **Galle, P.** Closed intramedullary nailing of femoral shaft fractures: indication, technique, results and complications, **68B**, 505
Stringa, G. *with others.* Scheuermann's disease and lumbar disc disorder, **65B**, 669
Strömqvist, B. *with others.* Pre-operative and postoperative scintimetry after femoral neck fracture, **66B**, *49
Strømsoe, K. *with others.* Interlocking intramedullary nailing in femoral shaft fractures: a report of forty-eight cases, **67A**, *1313
Strong, D.M. *with* **Friedlaender, G.E.** *and* **Sell, K.W.** Studies on the antigenicity of bone: II. donor-specific anti-HLA antibodies in human recipients of freeze-dried allografts, **66A**, *107
Strover, A.E. Posterolateral instability of the knee, **67B**, 157(*discussion*)
with **Firer, P.** The anterior approach to the posterior cruciate ligament, **66B**, 788
Stuart, D. A club foot philosophy, **67B**, 490(*discussion*)
The Oxford clubfoot programme, **66B**, 142(*discussion*)
Treatment of the "acute locked back" by spinal manipulation, **67B**, 500(*discussion*)
Stubbs, D.H. *with* **Dorner, D.B.** *and* **Johnston, R.C.** Thrombosis of the iliofemoral artery during revision of a total hip arthroplasty: a case report, **68A**, *454
Stuchin, S.A. *with others.* Threaded non-cemented acetabular components in difficult hip arthroplasties, **69B**, 508
Stulberg, B.N. *with* **Weinzweig, N.** *and* **Dowden, R.V.** The use of tissue expansion to allow reconstruction of the knee: a case report, **69A**, *1238
with others. Allograft reconstruction of the acetabulum during revision total hip arthroplasty: clinical, radiographic, and scintigraphic assessment of the results, **68A**, *527
with others. Deep-vein thrombosis following total knee replacement: an analysis of six hundred and thirty-eight arthroplasties, **66A**, *194
Sturrock, R.D. *with others.* Surgical stabilisation of the rheumatoid cervical spine: a review of indications and results, **69B**, *8
Sty, J.R. *with* **Simons, G.W.** *and* **Starshak, R.J.** Retroperitoneal and retrofascial abscesses: a review, **65A**, *1041
Styblo, K. *with* **Bossers, G.T.M.** *and* **Slot, G.H.** Spinal correction osteotomy of progressive kyphosis caused by ankylosing spondylitis, **68B**, 679
Styf, J. *with* **Körner, L.** *and* **Suurkula, M.** Intramuscular pressure and muscle blood flow during exercise in chronic compartment syndrome, **69B**, *301
Styf, J.R. *with* **Körner, L.M.** Chronic anterior-compartment syndrome of the leg: results of treatment by fasciotomy, **68A**, *1338
Sudanese, A. *with others.* Benign fibrous histiocytoma of bone, **68A**, *1225
with others. Giant-cell tumor of bone, **69A**, *106
Sudlow, R.A. *with* **Bolton-Maggs, B.G.** *and* **Freeman, M.A.R.** Total ankle arthroplasty: a long-term review of The London Hospital experience, **67B**, *785
with **Bolton-Maggs, B.G.** The ICLH ankle replacement: a follow-up study, **66B**, 773
with **Fiddian, N.J.** *and* **Browett, J.P.** Ruptured femoral vein, **66B**, *493
with **King, J.B.** *and* **Bulstrode, C.J.K.** Posterolateral instability of the knee, **67B**, 157
with **Roper, B.A.** The Trendelenburg test after differing approaches to the hip joint, **67B**, 498
with others. The management of infected total knee replacements, **67B**, *764
with others. The treatment of infected total knee replacements, **67B**, 144
Sugi, M. *with* **Cole, W.G.** Early plaster treatment for fractures of the femoral shaft in childhood, **69B**, *743
Sullivan, D. *with others.* Medial restraints to anterior-posterior motion of the knee, **66A**, *930
Sullivan, D.J. *with others.* The total condylar knee prosthesis in gonarthrosis: a five to nine-year follow-up of the first one hundred consecutive replacements, **65A**, *619
Sullivan, J.A. *Book reviews*, **66A**, 813
with others. Segmental spinal instrumentation with sublaminar wires: a critical appraisal, **69A**, *851
Sullivan, J.M. Mobilisation of the repaired Achilles tendon, **68B**, 851
with **Hastings, D.E.** The hip in juvenile rheumatoid arthritis: the patterns of deformity and their management, **68B**, 851
with **Hastings, D.E.** The hip in juvenile rheumatoid arthritis, **68B**, 674
Sullivan, M. *Book reviews*, **66B**, 310; **68B**, 171
Sullivan, M.F. *Book reviews*, **67B**, 516
with **Evans, T.A.** *and* **Stewart, J.D.M.** Arthrodesis of the hip, **69B**, 488
with **Sundaram, N.A.** *and* **Hallett, J.P.** Dome osteotomy of the tibia in the treatment of osteoarthritis of the knee, **67B**, 145
with **Sundaram, N.A.** *and* **Hallett, J.P.** Dome osteotomy of the tibia for osteoarthritis of the knee, **68B**, *782
Sullivan, T.R. *with* **Sherman, R.M.P.** *and* **Waddell, P.** Laminectomy for extradural secondary tumour, **66B**, 298
with others. The role of lavage in preventing hemodynamic and blood-gas changes during cemented arthroplasty, **65A**, *500
Sully, L. *with others.* Localisation of human osteosarcoma by antitumour monoclonal antibody, **65B**, *638
Suman, R.K. Anatomical trochlear stirrup arthroplasty of the rheumatoid elbow, **67B**, 676(*discussion*)
with **Stother, I.G.** *and* **Illingworth, G.** Diagnostic arthroscopy of the knee in children, **66B**, *535
with **Stother, I.G.** *and* **Illingworth, G.** Diagnostic arthroscopy of the knee in children, **67B**, 675
Summers, B. *with* **Mehdian, H.** *and* **Eisenstein, S.M.** Painful scoliosis secondary to an osteoid osteoma of the rib, **69B**, 855
Summers, B.N. *with* **Turner, A.** *and* **Wynn Jones, C.H.** The role of the shelf operation in the management of late congenital hip dysplasia, **69B**, 491
with **Turner, A.** *and* **Wynn-Jones, C.H.** The role of the shelf operation in the management of late congenital dislocation of the hip, **69B**, 498
Sumner, D.R. *with others.* A comparative study of porous coatings in a weight-bearing total hip-arthroplasty model, **68A**, *1396
Sun, T-C. *with others.* Chondrosarcoma in Maffucci's syndrome, **67A**, *1214
Sundaram, M. *with others.* Magnetic resonance imaging in planning limb-salvage surgery for primary malignant tumors of bone, **68A**, *809
Sundaram, N.A. *with* **Hallett, J.P.** *and* **Sullivan, M.F.** Dome osteotomy of the tibia in the treatment of osteoarthritis of the knee, **67B**, 145
with **Hallett, J.P.** *and* **Sullivan, M.F.** Dome osteotomy of the tibia for osteoarthritis of the knee, **68B**, *782
Sundararaj, G.D. *with* **Mani, K.** Surgical reconstruction of the hand with triple nerve palsy, **66B**, *260
Sundberg, S. *with* **Savage, J.** *and* **Foster, B.K.** Technetium phosphate bone scan in the diagnosis of septic arthritis in children, **69B**, 163
Sundholm, K. *with* **Surin, V.V.** *and* **Bäckman, L.** Infection after total hip replacement: with special reference to a discharge from the wound, **65B**, *412
Suntay, W.J. *with others.* Biomechanics of the knee-extension exercise: effect of cutting the anterior cruciate ligament, **66A**, *725
Surin, V. Non-operative treatment of severe injuries to the medial and anterior cruciate ligaments of the knee, **67A**, 1306(*correspondence*)
Untreated ruptures of the anterior cruciate ligament: a follow-up study, **67A**, 1305(*correspondence*)
Surin, V.V. Ten-year follow-up of one hundred consecutive Müller curved-stem total hip-replacement arthroplasties, **65A**, 711(*correspondence*)
Ten-year follow-up study of total hip replacement, **65A**, 711(*correspondence*)
with **Sundholm, K.** *and* **Bäckman, L.** Infection after total hip replacement: with special reference to a discharge from the wound, **65B**, *412
Suster, S. *with others.* Painful piezogenic heel papules: a case report, **67A**, *640
Sutcliffe, M.L. *with* **Pryor, G.A.** *and* **Burman, W.D.** Experience with the Zickel supracondylar fixation device, **68B**, 666
Sutherland, A. *with* **Seeger, B.R.** The nonoperative management of scoliosis in Duchenne muscular dystrophy, **65B**, 669
with others. Scoliosis screening: a needs study, **69B**, 167

* Indicates full article or appreciable part

Sutherland, C.J. Ten-year follow-up of one hundred consecutive Müller curved-stem total hip-replacement arthroplasties, **65A**, 711 (*correspondence*)
Sutherland, J.M. *with others*. The effects of postoperative joint immobilisation on articular cartilage degeneration following meniscectomy, **65B**, 671
Suurkula, M. *with* **Styf, J.** *and* **Körner, L.** Intramuscular pressure and muscle blood flow during exercise in chronic compartment syndrome, **69B**, *301
Svantesson, H. *with others*. Synovectomy of the knee in juvenile chronic arthritis: a retrospective, consecutive follow-up study, **68B**, *223
Swan, A.V. *with* **Allen, P.R.** *and* **Denham, R.A.** Late degenerative changes after meniscectomy, **66B**, *666
Swaney, W.E. Spinal fusion in the treatment of the nerve root entrapment syndrome, **65B**, 669
Swann, M. *Book reviews*, **65B**, 370; **67B**, 164
Adolescent hip problems in juvenile arthritis, **69B**, 850
Malignant soft-tissue tumour at the site of a total hip replacement, **66B**, *629
with **Ansell, B.M.** Soft-tissue release of the hips in children with juvenile chronic arthritis, **68B**, *404
with **Ansell, B.M.** The management of chronic arthritis of children, **65B**, *536(*review article*)
with **Foo, C.L.** Isolated paralysis of the serratus anterior: a report of 20 cases, **65B**, *552
with others. Scoliosis in juvenile chronic arthritis, **69B**, *175
with others. Total hip replacement in children with juvenile chronic arthritis, **66B**, 141 bones, **66B**, 782(*discussion*)
with others. Total hip replacement in children with juvenile chronic arthritis, **68B**, *218
Swanson, A.B. *with others*. Unicompartmental and bicompartmental arthroplasty of the knee with a finned metal tibial-plateau implant, **67A**, *1175
Swanson, A.J.G. *with* **Abdon, C.P.** *and* **Turner, M.S.** Meniscectomy in children, **67B**, 847
Swanson, G.deG. *with others*. Unicompartmental and bicompartmental arthroplasty of the knee with a finned metal tibial-plateau implant, **67A**, *1175
Swanson, S.A.V. *Book reviews*, **65B**, 370
Swartz, W. *with* **Goodman, M.A.** Infection in a Charcot joint, **67A**, *642
Swee, R.G. Chondrosarcoma in Maffucci's syndrome, **68A**, 953(*correspondence*)
with others. Chondrosarcoma in Maffucci's syndrome, **67A**, *1214
Sweeney, J.G. Fractures of the shaft of femur in road traffic accidents, **66B**, 783(*discussion*)
Late reactivation of osteomyelitis in long bones, **66B**, 782(*discussion*)
Sweet, M.B.E. *with* **Bird, M.D.T.** A system of canals in semilunar menisci, **69B**, 684
with others. Radiographic features of the spine in fluoride therapy for osteoporosis, **69B**, *190
Sweetnam, D.R. *Book review*, **65B**, 682
A comparison of operative and conservative treatment for unstable trochanteric fractures, **67B**, 495(*discussion*)
Biologic fixation: preliminary experience with porous metal-coated total hip prosthesis, **67B**, 673(*discussion*)
Fractures of the thoracolumbar spine: a treatment protocol based on a morphological classification, **67B**, 674(*discussion*)
Giant-cell tumor of bone, **68A**, 1464(*correspondence*)
Is there any place for fusion in simple backache?, **67B**, 151(*discusion*)
Specialisation within our specialty, (*Presidential address, British Orthopaedic Association*),- **68B**, *658
The Christchurch Orthopaedic Geriatric Unit: the first year's experience, **67B**, 679(*discussion*)
The results of early mobilisation of fractures of the neck of the fifth metacarpal, **67B**, 492(*discussion*)
The role of vascularisation of ulnar nerve grafts in complete lesions of the brachial plexus, **67B**, 494(*discussion*)
Sweetser, E.R. *with others*. Isokinetic muscle imbalance and knee-joint injuries: a prospective blind study, **66A**, *734
Swiontkowski, M.F. *with* **Hansen, S.T., Jr.** *and* **Kellam, J.** Ipsilateral fractures of the femoral neck and shaft: a treatment protocol, **66A**, *260, 1143(*correspondence*)
with **Winquist, R.A.** *and* **Hansen, S.T., Jr.** Fractures of the femoral neck in patients between the ages of twelve and forty-nine years, **66A**, *837
Sykes, B. Collagen genes and inherited connective-tissue disease, **65B**, 93
Sykes, B.C. *with others*. The application of molecular genetic techniques to the study of achondroplasia, **68B**, 495
Sykes, H. *with others*. Chondrolysis mediated by non-invasive tissues in rheumatoid arthritis, **68B**, 840
Sylvester, B.S. *with others*. Is carpal tunnel release always successful?, **65B**, 222
Symeonides, P.P. *with* **Pournaras, J.** *and* **Karkavelas, G.** The significance of the posterior cruciate ligament in the stability of the knee, **65B**, *204
Szabo, R.M. Intra-articular transfer of the iliotibial tract: two to seven-year follow-up results, **68A**, 791(*correspondence*)
with **Gelberman, R.H.** *and* **Dimick, M.P.** Sensibility testing in patients with carpal tunnel syndrome, **66A**, *60
with **Macko, D.** Complications of tension-band wiring of olecranon fractures, **67A**, *1396; **68A**, 951(*correspondence*)
with **Manske, D.J.** The operative treatment of mid-shaft clavicular nonunions, **67A**, *1367; **68A**, 634(*correspondence*)
with **Smith, B.** Possible congenital osteoid-osteoma of a phalanx: a case report, **67A**, *815, 1307(*correspondence*)
with **Smith-Hoefer, E.** Isolated carpal synchondrosis of the scaphoid and trapezium: a case report, **67A**, *318
with others. Results of treatment of severe carpal-tunnel syndrome without internal neurolysis of the median nerve, **69A**, *896
with others. Sensibility testing in peripheral-nerve compression syndromes: an experimental study in humans, **65A**, *632
Szentfulopi, T. *with others*. Deep-vein thrombosis in children following trauma: a report of two cases, **65A**, *839
Szypryt, E.P. *with* **Clement, D.A.** *and* **Colton, C.L.** Comparison of Dunn's open reduction versus epiphysiodesis and surgical osteoplasty for slipped upper femoral epiphysis, **69B**, 491
with **Clement, D.A.** *and* **Colton, C.L.** Open reduction or epiphysiodesis for slipped upper femoral epiphysis: a comparison of Dunn's operation and the Heyman–Herndon procedure, **69B**, *737
with **Clement, D.A.** An experimental study in the rabbit of the role of corticocancellous bone graft to augment plate fixation of a contaminated osteotomy, **69B**, 496
with **Hardy, J.G.** *and* **Colton, C.L.** An improved technique of intraoperative bone scanning, **68B**, *643
with **Morris, D.L.** *and* **Mulholland, R.C.** Combined chemotherapy and surgery for hydatid bone disease, **69B**, *141
with others. Magnetic resonance imaging of adolescent disc herniation, **69B**, *699
with others. Magnetic resonance imaging of patients with scoliosis: preliminary observations, **69B**, 854

T

Tabas, J.H. *with* **Daffner, R.H.** Trauma oblique radiographs of the knee, **69A**, *568
Taconis, W.K. *with* **van Rijssel, Th. G.** Fibrosarcoma of long bones: a study of the significance of areas of malignant fibrous histiosarcoma, **67B**, *111
Tada, K. *with others*. Duplication of the thumb: a retrospective review of two hundred and thirty-seven cases, **65A**, *584
Tadduni, G.T. *with* **Brighton, C.T.** *and* **Pollack, S.R.** Treatment of sciatic denervation disuse osteoporosis in the rat tibia with capacitively coupled electrical stimulation: dose response and duty cycle, **67A**, *1022
Taffs, L.F. *with* **Pincott, J.R.** *and* **Davies, J.S.** Scoliosis caused by section of dorsal spinal nerve roots, **66B**, *27
Taft, T.N. *with* **Wilson, F.C.** *and* **Oglesby, J.W.** Dislocation of the acromioclavicular joint: an end-result study, **69A**, *1045
Tagawa, H. *with* **Ninomiya, S.** Rotational acetabular osteotomy for the dysplastic hip, **66A**, *430
Taine, W.H. Investigation of the lumbar spinal canal: CT or radiculogram, **67B**, 677
with **Armour, P.C.** Primary total hip replacement for intracapsular fractures of the femur, **66B**, 614
with **Armour, P.C.** Primary total hip replacement for displaced subcapital fractures of the femur, **67B**, *214
Takakura, Y. *with* **Tamai, S.** *and* **Masuhara, K.** Genesis of the ball-and-socket ankle, **68B**, *834
Takaoka, K. *with* **Saito, S.** *and* **Ono, K.** Tectoplasty for painful dislocation or subluxation of the hip: long-term evaluation of a new acetabuloplasty, **68B**, *55
Takei, G.K. *with* **Dorr, L.D.** *and* **Conaty, J.P.** Total hip arthroplasties in patients less than forty-five years old, **65A**, *474
Takemitsu, Y. *with others*. Operation for chronic dislocation of the radial head in children: reduction by osteotomy of the ulna, **69B**, *639
Talbot, J.R. Results of the Magnusson-Stack procedure for recurrent dislocation of the shoulder, **65B**, 518(*discussion*)
Tallada, N. *with others*. Malignant fibrous histiocytoma of bone at the site of a total hip arthroplasty, **66B**, *38
Tamai, S. *with* **Takakura, Y.** *and* **Masuhara, K.** Genesis of the ball-and-socket ankle, **68B**, *834
Tamaki, A. *with* **Kawai, K.** *and* **Hirohata, K.** Steroid-induced accumulation of lipid in the osteocytes of the rabbit femoral head: a histochemical and electron microscopic study, **67A**, *755
Tan, A.M. *with others*. Carpal tunnel syndrome: an evaluation of the provocative diagnostic tests, **68A**, *735
Tan, W.C. *with others*. Lung function in scoliosis corrected by Harrington instrumentation with and without sublaminar segmental wiring, **69B**, 853

* Indicates full article or appreciable part

Tanabe, G. *with others*. Surgical treatment of cervical spondylotic myelopathy complicating athetoid cerebral palsy, **66B**, *504
Tanabu, S. *with* **Yamauchi, Y.** *and* **Fukushima, M.** Hypoplasia of the trochlea of the humerus as a cause of ulnar-nerve palsy: report of two cases, **67A**, *151
Tanaka, T. *with* **Araki, S.** *and* **Ohtani, T.** Acute dislocation of the extensor digitorum communis tendon at the metacarpophalangeal joint: a report of five cases, **69A**, *616
Tang, S.C. *with* **Leong, J.C.Y.** *and* **Hsu, L.C.S.** Lambrinudi triple arthrodesis for correction of severe rigid drop-foot, **66B**, *66
Tanguy, A. Intraspinal migration of a bullet with subsequent meningitis: a case report, **65A**, 567(*correspondence*)
Tanner, J.B. *with* **Woolson, S.T.** *and* **Marsh, J.S.** Transfusion of previously deposited autologous blood for patients undergoing hip-replacement surgery, **69A**, *325
Tanner, K.E. *with others*. The elasticity of subchondral bone and the aetiology of osteoarthritis, **67B**,843
Tappin, A.R. *Book reviews*, **66B**, 464
Tarlow, S.D. *with others*. Acute compartment syndrome in the thigh complicating fracture of the femur: a report of three cases, **68A**, *1439
Tarr, R.R. *with* **Garfinkel, A.I.** *and* **Sarmiento, A.** The effect of angular and rotational deformities of both bones of the forearm: an *in vitro* study, **66A**, *65
with others. Prefabricated functional braces for the treatment of fractures of the tibial diaphysis, **66A**, *1328
with others. The influence of prosthetic stem stiffness and of a calcar collar on stresses in the proximal end of the femur with a cemented femoral component, **66A**, *280
Tasker, T.P.B. *with* **Harding, M.L.** Supracondylar osteotomy for valgus arthritic knees, **67B**, 158
with **Webb, J.K.** Internal fixation of fractures of the thoracolumbar spine, **66B**, 285
with others. Discitis following lumbar surgery, **68B**, 158
with others. Intra-operative spinal somatosensory evoked potentials in lumbar nerve root compression, **67B**, 160
with others. Subarachnoid block or general anaesthesia?: a study of the stress response during and after surgery for prosthetic replacement of fractured neck of femur, **65B**, 660
Taussig, G. *with others*. Resection of the upper end of the femur in children with spastic quadriplegia, **66B**, 142
Tayade, W.B. *with* **Babhulkar, S.S.** *and* **Babhulkar, S.K.** Atypical spinal tuberculosis, **66B**, *239
Taylor, A.R. *with* **Biswas, S.P.** Significance of the immediate postoperative complications on the failure of the Geomedic knee replacement in patients with rheumatoid arthritis, **67B**, 489
Taylor, D. *with others*. Design of a cementless modular ceramic knee with screw fixation: "a preliminary report", **68B**, *336
Taylor, G.J. Prominence of the calcaneus: is operation justified?, **68B**, *467
Taylor, G.M. *with* **Hazlett, J.W.** Injuries of the rotator cuff of the shoulder, **66B**, 613
Taylor, I. *with* **Goodwin, C.B.** *and* **Simmons, E.H.** Cervical vertebral-costal process (costovertebral bone) — a previously unreported anomaly: a case report, **66A**, *1477
Taylor, J.F. *with* **Lynch, M.C.** Facet joint injection for low back pain: a clinical study, **68B**, *138
with **Lynch, M.C.** Periosteal division and longitudinal growth in the tibia of the rat, **69B**, *812
with **Warrell, E.** *and* **Evans, R.A.** Response of the growth plates to tibial osteotomy in rats, **69B**, *664
with others. Costectomy as the first stage of surgery for scoliosis, **68B**, *91
with others. Preliminary costectomy in posterior corrective surgery for scoliosis, **67B**, 491
Taylor, L.H. Excision of the proximal end of the femur for very stiff hips in myelomeningocele, **67B**, 147
with **Grant, S.C.** Bilateral fracture of the femoral neck during a hypocalcaemic convulsion: a case report, **67B**,*534
with **Simonis, R.B.** *and* **Moschos, N.** Non-union of the scaphoid: a prospective study of direct current stimulation, **67B**, 493
Taylor, L.J. Excision of the proximal end of the femur for hip stiffness in myelomeningocele, **68B**, *75
Multifocal avascular necrosis after short-term high-dose steroid therapy, **66B**, *431 following meniscectomy, **65B**, 671
Taylor, T.K.F. One thousand consecutive rugby union injuries, **66B**, 781(*discussion*)
Posterior lumbar spinal fusion with sparing of the iliac crest: a long-term review of the first 100 patients in a personal series, **66B**, 786(*discussion*)
The nonoperative management of scoliosis in Duchenne muscular dystrophy, **65B**, 669(*discussion*)
with **Ghosh, P.** Serum glycosaminoglycans in adolescent idiopathic scoliosis and the dilemma of school screening for spinal deformity, **65B**, 98
with **Hall, J.** *and* **Ryan, M.** Odontoid fractures in children, **69B**, 167
with **Merriam, W.** *and* **McPhail, M.** Central cord syndrome revisited, **68B**, 334
with **Perko, M.** *and* **Ruff, S.J.** Late reactivation of osteomyelitis in long bones, **66B**, 782
Taylor, T.K.F., (*continued*)
with **Pinczewski, L.** *and* **Ryan, M.D.** The management of hangman's fracture, **65B**, 98
with **Ruff, S.J.** *and* **Nicholson, O.R.** Eosinophilic granuloma of the spine, **66B**, 780
with **Ruff, S.J.** Hangman's fracture in an infant, **68B**, *702
with **Ryan, M.D.** Acute spinal cord compression in Scheuermann's disease, **65B**, 98
with **Ryan, M.D.** Avulsion of the ring apophysis in the lumbar region, **66B**, 785
with **Ryan, M.D.** Haematogenous spinal infection in adults: a 21-year review, **68B**, 335
with others. A reappraisal of acute traumatic central cord syndrome, **68B**, *708
with others. Post-traumatic conversion paralysis, **66B**, 779
with others. Prognosis of conus lesions due to fractures and fracture dislocations of the lumbar spine, **65B**, 670
with others. Scheuermann's disease and lumbar disc disorder, **65B**, 669
with others. The effects of exercise on articular cartilage integrity after total bilateral medial meniscectomy in the dog, **68B**, 338
with others. The effects of polysulphated polysaccharide (Arteparon) on articular cartilage proteoglycans from joints of beagles subjected to bilateral medial meniscectomy, **69B**, 165
with others. The effects of postoperative joint immobilisation on articular cartilage degeneration following meniscectomy, **65B**, 671
with others. The effects of spinal fusion on the proteoglycans of the canine intervertebral disc: an experimental model for disc degeneration, **68B**, 334
with others. The incidence of lumbar Scheuermann's disease in a selected adult Australian male population, **69B**, 166
with others. The long-term results of wedge and compression fractures of the dorsolumbar spine without neurological involvement, **68B**, 334
Tayton, K.J.J. *with* **Bradley, J.S.** How stiff should semi-rigid fixation of the human tibia be?: a clue to the answer, **65B**, *312
with **Phillips, G.E.** *and* **Ráliš, Z.A.** Long-term effects of implanted carbon fibre on soft tissues, **65B**, 91
with **Howard, C.B.** *and* **Gibbs, A.** The response of human tissues to carbon reinforced epoxy resin, **67B**, *656
Tchang, S.P.K. *with* **Yong-Hing, K.** Traumatic radio-ulnar synostosis treated by excision and a free fat transplant: a report of two cases, **65B**, *433
Teitz, C.C. *with others*. Evaluation of the use of braces to prevent injury to the knee in collegiate football players, **69A**, *2, 1468(*correspondence*)
Templeman, D. *with* **McBeath, A.** Iatrogenic patellar malalignment following the Roux–Goldthwait procedure, corrected by dynamic intraoperative realignment: report of two cases, **68A**, *1096
Templeton, A.C. *with others*. Adult-onset hypophosphatemic osteomalacia secondary to neoplasm: a case report and review of the pathophysiology, **68A**, *134
Templeton, J. *with* **Elliott, J.R.M.** *and* **Barros D'Sa, A.A.B.** Combined bony and vascular limb trauma: a new approach to treatment, **66B**, 281
with **Elliott, J.R.M.** External fixation in severe upper limb injuries: Belfast experience, **69B**, 152
with others. Vascular injury associated with low-velocity dislocations of the knee, **69B**, *285
Teng, B. *with others*. Surface morphology of Asian cadaveric hips, **67B**, *225
Tenny, J.R. *with* **Lewis, R.C.** Digital nerve-grafting for traumatic defects, **66A**, *1375
Tepper, S. *with others*. The clinicopathological spectrum of non-tuberculous mycobacterial osteoarticular infections, **67A**, *925
Terepka, R.H. *with others*. Fine-needle aspiration biopsy of bone, **65A**, *522
Terrier, F. *with* **Gerber, C.** *and* **Ganz, R.** The role of the coracoid process in the chronic impingement syndrome, **67B**, *703
Terry, G.C. *Book reviews*, **67A**, 669
Tesfayohannes, B. *with others*. Acromioclavicular joint injuries: a five-year review of conservatively treated patients, **69B**, 490
with others. The conservative treatment of acromioclavicular dislocation: review after five years, **69B**, *719
Tew, A. *with* **Houghton, G.R.** *and* **McInerney, A.** Brace compliance in adolescent idiopathic scoliosis, **69B**, 852
Tew, M. *with* **Forster, I.W.** effect of knee replacement on flexion deformity, **69B**, *395
with **Waugh, W.** Tibiofemoral alignment and the results of knee replacement, **67B**, *551
with **Waugh, W.** *and* **Forster, I.W.** Comparing the results of different types of knee replacement: a method proposed and applied, **67B**, *775
Thacker, C. *with* **Fulford, P.** Assessment of the Denham knee replacement: results after eight years, **68B**, *600
Thacker, C.R. *with* **Jackson, R.K.** Anterior interbody fusion of the lumbar spine: results after 12 years, **69B**, 157
Theodorou, S.D. *with others*. Conservative treatment of congenital dislocation of the hip in infants aged two to eight months, **67B**, 491
Thexton, P.W. *with* **Beauchamp, C.G.** *and* **Clay, N.R.** Displaced ankle fractures in patients over 50 years of age, **65B**, *329
Thiel, G. *with others*. Cyclosporin A and osteonecrosis of the femoral head, **69A**, *1226

* Indicates full article or appreciable part

Thivierge, A. *with* **Duchesne, R.** *and* **Nader, N.A.** The sub-trochanteric fracture of the femur: treatment by Richard's screw-plate, **67B**, 325
Thjellesen, D. *with* **Menon, T.J.** *and* **Wroblewski, B.M.** Charnley low-friction arthroplasty in diabetic patients, **65B**, *580
Thomas, A. *with others.* Long-term review of Ring total hip arthroplasty, **68B**, 669
Thomas, A.M.C. *with* **Afshar, F.** The microsurgical treatment of lumbar disc protrusion: follow-up of 60 cases, **69B**, *696
with **Ashfar, F.** *and* **Roper, B.A.** Microfenestration of lumbar intervertebral disc, **67B**, 151
Thomas, B.J. *with* **Amstutz, H.C.** Results of the administration of diphosphonate for the prevention of heterotopic ossification after total hip arthroplasty, **67A**, *400
with **Salvati, E.A.** *and* **Small, R.D.** The CAD hip arthroplasty: five to ten-year follow-up, **68A**, *640
with others. Treatment of primary osteoarthritis of the hip: a comparison of total joint and surface replacement arthroplasty, **66A**, *228
Thomas, C. *with* **Blackburn, N.** *and* **Rang, M.** Tarsal coalitions presenting with pain, **68B**, 155
Thomas, D.G.T. *with others.* Intramedullary spinal cord tumours presenting as scoliosis, **66B**, *513
Thomas, E.M. Supracondylar osteotomy for valgus arthritic knees, **67B**, 158(*discussion*)
with others. Heparin and dihydroergotamine prophylaxis against thrombo-embolism after hip arthroplasty, **67B**, *538
Thomas, G. *with others.* Fat in the genesis of deep vein thrombosis after total hip replacement arthroplasty, **65B**, 673
Thomas, H.M. *with others.* The musculoskeletal applications of NMR imaging, **66B**, 290
Thomas, I.H. *with* **Holloway, I.** *and* **Walder, D.N.** The effect of exposure to compressed air on blood flow in the rabbit femur, **65B**, 90
with **Walder, D.N.** The effect of exposure to compressed air on marrow-fat cell size in the rabbit femur, **66B**, 290
with **Williams, P.F.** The Gruca operation for congenital absence of the fibula, **69B**, *587
with others. Function after partial pelvic resection for Ewing's sarcoma, **69B**, *271
Thomas, K.A. *with* **Haddad, R.J., Jr.** *and* **Cook, S.D.** Biological fixation of porous-coated implants, **69A**, *1459(*current concepts review*)
Thomas, M. *with* **Heywood, A.W.B.** *and* **Learmonth, I.D.** Safe, simple occipitocervical fusion, **69B**, 684
with others. Femoral neck fractures: an "at risk" population, **67B**, 494
Thomas, N. *with others.* Limb-salvage treatment versus amputation for osteosarcoma of the distal end of the femur, **68A**, *1331
Thomas, N.P. *with* **Jackson, A.M.** *and* **Aichroth, P.M.** Congenital absence of the anterior cruciate ligament, **67B**, 846
with **Jackson, A.M.** *and* **Aichroth, P.M.** Congenital absence of the anterior cruciate ligament: a common component of knee dysplasia, **67B**, *572
with **Nelson, I.W.** *and* **Jackson, A.M.** Lateral subluxation of the patella in extension, **67B**, 847
with **Simpson, D.A.** *and* **Aichroth, P.M.** Open and closed meniscectomy: a comparative analysis, **68B**, *301
with **Simpson, D.A.** *and* **Aichroth, P.M.** Open and closed meniscectomy: a comparative analysis, **67B**, 157
with **Turner, I.G.** *and* **Jones, C.B.** Prosthetic anterior cruciate ligaments in the rabbit: a comparison of four types of replacement, **69B**, *312
with **Turner, I.G.** A comparative analysis of four prosthetic anterior cruciate ligaments in the goat, **69B**, 849
with others. A comparative analysis of four prosthetic anterior cruciate ligaments in the rabbit, **68B**, 842
with others. A system for the electrophysiological monitoring of the spinal cord during operations for scoliosis, **65B**, *134
with others. Craniocervical instability treated by contoured loop fixation, **68B**, *173
with others. The Roehampton brace, **67B**, 493
Thomas, N.R. *with* **Aichroth, P.M.** *and* **Jones, B.** Carbon fibre and Dacron composites in the prosthetic reconstruction of the anterior cruciate ligament, **68B**, 841
Thomas, S.C. *with* **Krackow, K.A.** *and* **Jones, L.C.** A new stitch for ligament-tendon fixation, **68A**, *764(*brief note*)
Thomas, T.G. *Book reviews*, **69B**, 688
Arthrodesis of the hip in adolescents and young adults: a long-term functional review, **67B**, 498(*discussion*)
Inflammatory lesions of the anterior annulus in low back pain syndrome, **67B**, 501(*discussion*)
Thomas, W.G. *Book reviews*, **68B**, 169
with **Denham, R.A.** Acetabular fixation with removal of the subchondral bone: a 10-year follow-up and a new system of radiological grading, **69B**, 156
with **Evans, P.E.L.** The long and short of intramedullary nailing, **67B**, 494
with **Evans, P.E.L.** Tibial fracture through a traction-pin site: a report of two cases, **66A**, *1475
with **Villar, R.N.** Subtrochanteric fractures: Zickel nail or nail-plate, **68B**, *255
with **Wilkinson, J.A.** Glenoid osteotomy for recurrent posterior dislocation of the shoulder, **67B**, 496
Thomas, W.H. *with* **Dalziel, R.E.** *and* **Thornhill, T.S.** Talonavicular fusion for hindfoot arthritis, **65B**, 667
with others. McKeever metallic hemiarthroplasty of the knee in unicompartmental degenerative arthritis: long-term clinical follow-up and current indications, **67A**, *203
with others. Total knee arthroplasty in juvenile rheumatoid arthritis, **65A**, *1071
Thompson, A.G. *Book reviews*, **69B**, 170
with **Brooks, S.** *and* **Dent, A.R.** Anterior rupture of the lumbosacral disc: report of a case, **65A**, *1186
with **Grimer, R.J.** *and* **Mulligan, P.J.** Thoracic outlet syndrome following correction of scoliosis in a patient with cervical ribs: a case report, **65A**, *1172
Thompson, B. *with others.* A comparison of conventional radiography and computed tomography in the evaluation of spiral fractures of the tibia, **67A**, *1388
Thompson, D.M. Congenital pseudarthroses of the tibia, **67B**, 508(*discussion*)
Supracondylar, transcondylar and intercondylar fractures of the distal humerus in adults, **67B**, 504(*discussion*)
Thompson, E. *with others.* The application of molecular genetic techniques to the study of achondroplasia, **68B**, 495
Thompson, F.M. *with* **Insall, J.N.** *and* **Brause, B.D.** Two-stage reimplantation for the salvage of infected total knee arthroplasty, **65A**, *1087
with **Mann, R.A.** Arthrodesis of the first metatarsophalangeal joint for hallux valgus in rheumatoid arthritis, **66A**, *687
with **Mann, R.A.** Rupture of the posterior tibial tendon causing flat foot: surgical treatment, **67A**, *556, 1448(*correspondence*)
Thompson, G.H. *with* **Abram, L.J.** Deformity after premature closure of the distal radial physis following a torus fracture with a physeal compression injury: report of a case, **69A**, *1450
with **Marcus, R.E.** *and* **Mills, M.F.** Multiple injury in chilren, **65A**, *1290
with **Salter, R.B.** Legg-Calvé-Perthes disease: the prognostic significance of the subchondral fracture and a two-group classification of the femoral head involvement, **66A**, *479
with others. Ewing sarcoma of the proximal phalanx of a finger: a case report, **69A**, *931
with others. Postoperative neurological deficits in segmental spinal instrumentation: a study using cord monitoring, **66A**, *1178
with others. Segmental spinal instrumentation in neuromuscular spinal deformities, **68B**, 680
Thompson, N.G. Recurrent dislocation of the shoulder treated by titanium staple and screw fixation, **65B**, 674(*discussion*)
Thompson, P.C. The role of the tibialis anterior and the long and short plantar ligaments in congenital club feet, **66B**, 450(*discussion*)
Thompson, R.C., Jr. Resource allocation and the needs of orthopaedic surgeons — the Academy's role, **68A**, *479
with others. The effects of indirect blunt trauma on adult canine articular cartilage, **65A**, *948; **66A**, 152(*correspondence*)
Thompson, R.L. *with* **Fitzgerald, R.H.** Cephalosporin antibiotics in the prevention and treatment of musculoskeletal sepsis, **65A**, *1201(*current concepts review*)
Thomsen, P.B. *with* **Hougaard, K.** Coxarthrosis following traumatic posterior dislocation of the hip, **69A**, *679
Thomson, J. *with others.* The Princess Margaret Rose Orthopaedic Hospital halo-body fixation system, **66B**, 148
Thomson, J.D. *with others.* Prior deposition of autologous blood in elective orthopaedic surgery, **69A**, *320
Thomson, N.L. Acute traumatic haemarthrosis of the knee, **66B**, 789
Compartment syndromes, **66B**, 790(*discussion*)
Chymopapain for the treatment of intervertebral disc prolapse: a preliminary report of a double-blind study, **65B**, 669(*discussion*)
Conservative surgery in posterior cruciate ligament disruption, **65B**, 99(*discussion*)
Knee pain associated with medial patellar plica, **65B**, 670
The results of early and late management of anterior cruciate ligament tears, **65B**, 99(*discussion*)
with **Davison, I.** Osteochondritis dissecans and osteochondral fragments managed by compression screw fixation, **69B**, 162
with **Elliott, R.** Assessment of patellofemoral tracking: preliminary results of arthroscopic lateral release, **68B**, 337
with others. Acute anterior cruciate rupture: diagnosis and dilemma, **68B**, 338
Thoresen, B.O. *with others.* Interlocking intramedullary nailing in femoral shaft fractures: a report of forty-eight cases, **67A**, *1313
Thorling, J. *with others.* Recurrences after initial dislocation of the shoulder: results of a prospective study of treatment, **65A**, *343
Thorn, B.J. Colles' fracture in the over-sixty age group, **66B**, 613
Diurnal variation in median nerve conduction, hand volume and grip strength in the carpal tunnel, **67B**, 679(*discussion*)
Thorne, R.P. *with others.* Intraspinal synovial cyst causing sciatica, **67A**, *865
with others. Lower-extremity sensibility testing in patients with herniated lumbar intervertebral discs, **67A**, *1219

* Indicates full article or appreciable part

Thornhill, T.S. *with* **Dalziel, R.E.** *and* **Thomas, W.H.** Talonavicular fusion for hindfoot arthritis, **65B**, 667
with others. Intravenous methylmethacrylate after total hip replacement, **66A**, *443
Thornhill-Joyces, M. *with others*. Reactivation of tuberculous infection following total joint replacement: a case report, **65A**, *1015
Thorogood, M. *with* **Andrew, T.A.** Subtrochanteric fracture after Garden screw fixation, **68B**, 161
Thorogood, P. *with* **Smith, L.** Neural crest cells and skull development, **65B**, 89
Thorpe, C.D. *with* **Spjut, H.J.** Coccidioidal osteomyelitis in a child's finger: a case report, **67A**, *330
Thrum, C.B. *with* **Macdonald, W.** *and* **Hamilton, S.G.L.** Designing an implant by CT scanning and solid modelling: arthrodesis of the shoulder after excision of the upper humerus, **68B**, *208
Thurston, A.J. Primary total hip replacement for displaced intracapsular fractures of the femur, **66B**, 614(*discussion*)
Sacro-iliac injuries, **66B**, 611(*discussion*)
School screening for scoliosis in New Zealand: a pilot study, **66B**, 612(*discussion*)
Ultrasonic evaluation of flexor tendon rupture, **66B**, 609(*discussion*)
with **Harris, J.D.** Normal kinematics of the lumbar spine and pelvis, **66B**, 611
with **Rao, S.** Congenital dislocation of the hip in the newborn: a postnatal survey, **67B**, 674
with **van Rockel, H.E.** Tourniquet pressure: the effect of limb circumference and initial blood pressure, **66B**, 608
Tibone, J.E. *with others*. Surgical treatment of tears of the rotator cuff in athletes, **68A**, *887
with others. The coracoid transfer for recurrent anterior instability of the shoulder in adolescents, **67A**, *383
Tibrewal, S.B. *with* **Grant, K.A.** *and* **Goodfellow, J.W.** The radiolucent line beneath the tibial components of the Oxford meniscal knee, **66B**, *523
with others. Oxford unicompartmental meniscal knee arthroplasty: a preliminary report, **67B**, 848
Tietjens, B.R. Closed partial meniscectomy for mechanical symptoms: early results, **65B**, 517(*discussion*)
External fixation of tibial fractures, **66B**, 614
Late results of treatment of displaced central acetabular fractures, **67B**, 676(*discussion*)
MacIntosh over-the-top fascia substitution for chronic anterior cruciate insufficiency, **66B**, 610(*discussion*)
Hindfoot stabilisation in rheumatoid arthritis, **65B**, 519(*discussion*)
Normal kinematics of the lumbar spine and pelvis, **66B**, 611(*discussion*)
Posterior cruciate ligament injuries, **67B**, 674
with **Barnes, M.J.** Amputation secondary to dislocation of knee, **66B**, 609
with **Berry, E.W.** Modern management including musculoskeletal complications of haemophilia, **65B**, 519
with **Gray, D.H.** *and* **Berry, E.W.** Avascular necrosis of the femoral head in a mild haemophiliac, **67B**, 675
Tighe, J.R. *Book reviews*, **67B**, 513
with others. Early avascular necrosis of the femoral head: report of a case and review of the literature, **68B**, *414
Tile, M. *with* **Kellam, J.F.** *and* **Joyce, M.** Fractures of the acetabulum: classification, management protocol, and results of treatment, **67B**, 324
with **McCowan, S.** *and* **Kellam, J.F.** A review of unstable pelvic ring fractures treated by open reduction and internal fixation, **69B**, 501
with others. Functional results after immediate internal fixation of open tibial fractures, **67B**, 325
Tillmann, K. Management of the rheumatoid foot, **69B**, 679
Tindale, W. *with* **Atkins, R.M.** *and* **Kanis, J.A.** The bone scan in reflex sympathetic dystrophy, **69B**, 495
Tjörnstrand, b. *with others*. Surface replacement of the elbow in rheumatoid arthritis, *737
Toczylowski, H.M., Jr. *with* **Pappas, A.M.** *and* **Anas, P.** Asymmetrical arrest of the proximal tibial physis and genu recurvatum deformity, **66A**, *575
Todd, R.C. *with others*. Stemmed revision arthroplasty for aseptic loosening of total knee replacement, **67B**, *242
Toghill, P.J. *with* **Wallace, W.A.** *and* **Fagg, P.S.** The value of indium-111 leucocyte scans for detecting deep infection after joint replacement, **67B**, 320
Tohmé, S. *with others*. Natural history of scoliosis in Friedreich's ataxia, **68A**, *564
with others. Natural history of scoliosis in Friedreich's ataxia, **68B**, 855
Tokioka, T. *with* **Hirasawa, Y.** *and* **Katsumi, Y.** Evaluation of sensibility after sensory reconstruction of the thumb, **67B**, *814
Tolo, V. Lengthening of the lower limb: experiences and complications of the Wagner method, **66B**, 149(*discussion*)
Tomasek, J.J. *with* **Schultz, R.J.** *and* **Haaksma, C.J.** Extracellular matrix-cytoskeletal connections at the surface of the specialized contractile fibroblast (myofibroblast) in Dupuytren disease, **69A**, *1400
Tomasin, J. *with* **Griend, R.V.** *and* **Ward, E.F.** Open reduction and internal fixation of humeral shaft fractures: results using AO plating techniques, **68A**, *430
Tomford, W.W. *with* **Fredericks, G.R.** *and* **Mankin, H.J.** Studies on cryopreservation of articular cartilage chondrocytes, **66A**, *253
with **Ploetz, J.E.** *and* **Mankin, H.J.** Bone allografts of femoral heads: procurement and storage, **68A**, *534
Tonkin, A. *with* **Hayes, M.G.** Gastrosoleal flap reinforcement in acute rupture of the Achilles tendon: five-year review, **66B**, 781
Tonkin, L.J. Ultrasonic evaluation of flexor tendon rupture, **66B**, 609
Tonkin, M. *with others*. The relationship of ligamentous clicks arising from the newborn hip and congenital dislocation, **67B**, 491
Tooke, M. *with others*. Results of core decompression for femoral head osteonecrosis, **67B**, 329
Tooke, S.M. *with* **Favero, K.J.** Results of treatment of intracapsular fractures in young and middle aged adults, **66B**, 295
Tooke, S.M.T. *with* **Favero, K.J.** Femoral neck fractures in skeletally mature patients, fifty years old or less, **67A**, *1255
Tookman, A.G. *with* **Paice, E.W.** *and* **White, A.G.** Idiopathic multicentric osteolysis with acro-osteolysis: a case report, **67B**, *86
Torg, J.S. Neuropraxia of the cervical spinal cord with transient quadriplegia, **69A**, 794(*correspondence*)
with others. A modified Bristow–Helfet–May procedure for recurrent dislocation and subluxation of the shoulder: report of two hundred and twelve cases, **69A**, *904
with others. Fractures of the base of the fifth metatarsal distal to the tuberosity: classification and guidelines for non-surgical and surgical management, **66A**, *209
with others. Neuropraxia of the cervical spinal cord with transient quadriplegia, **68A**, *1354
Törmälä, P. *with others*. Biodegradable internal fixation for malleolar fractures: a prospective randomised trial, **69B**, *615
Torode, I. *with* **Zieg, D.** Pelvic fractures in children, **68B**, 332
Torode, I.P. *with* **Dickens, R.D.** *and* **Doig, W.G.** Scoliosis correction in Duchenne muscular dystrophy, **69B**, 164
with **Gillespie, R.** *and* **van Olm, J.** Surgical management of congenital kyphosis in myelomeningocele, **66B**, 779
with **Gillespie, R.** Classification and management of congenital abnormalities of the femur, **65B**, *557
with **Gillespie, R.** Rotationplasty of the lower limb for congenital defects of the femur, **65B**, *569
Torzilli, P.A. *with* **Gollehon, D.L.** *and* **Warren, R.F.** The role of the posterolateral and cruciate ligaments in the stability of the human knee: a biomechanical study, **69A**, *233
with others. Measurement of anterior-posterior motion of the knee in injured patients using a biomechanical stress technique, **66A**, *1438
with others. Medial restraints to anterior-posterior motion of the knee, **66A**, *930
Tothill, P. *with* **Hooper, G.** *and* **Davies, R.** Blood flow in tendons, **65B**, 366
with **Hooper, G.** *and* **Davies, R.** Blood flow and clearance in tendons, **66B**, *441
with others. Prediction of fracture healing in the tibia by quantitative radionuclide imaging, **69B**, *441
with others. The prediction of non-union in tibial fractures using quantitative bone-scanning and fracture shift, **67B**, 146
with others. The prediction of non-union in tibial fractures using quantitative bone scanning and fracture shift, **66B**, 287
Tottie, J. *with others*. Femoral neck fractures: an "at risk" population, **67B**, 494
Totty, W.G. *with others*. Ultrasonographic evaluation of the rotator cuff and biceps tendon, **68A**, *440, 951(*correspondence*)
Townley, C.O. The Anatomic Total Knee: rationale, technique, long-term results, **65B**, 98
Total articular replacement arthroplasty (TARA) for the hip joint, **65B**, 103
Tracey, D.L. *with others*. Thompson hemiarthroplasty: 5- to 10-year follow-up in 241 patients, **68B**, 852
Trahan, C. *with others*. Vascular events associated with the appearance of the secondary center of ossification in the murine distal femoral epiphysis, **69A**, *185
Traina, J. *with others*. Intraspinal pathways taken by sublaminar wires during removal: an experimental study, **68A**, *1206
Trancik, T.M. *with* **Capello, W.N.** *and* **Misamore, G.W.** The Indiana conservative (surface-replacement) hip arthroplasty, **66A**, *518
with others. Allograft reconstruction of the acetabulum during revision total hip arthroplasty: clinical, radiographic, and scintigraphic assessment of the results, **68A**, *527
Transfeldt, E. *with others*. The spectrum and natural history of pyogenic vertebral osteomyelitis, **66B**, 299
Treadwell, B.V. *with* **Gray, D.H.** *and* **Mankin, H.J.** Protein messengers in pathogenesis of arthritis, **67B**,680
with others. Irrigating solutions for arthroscopy: a metabolic study, **65A**, *629
Tredwell, S.J. *with* **Wing, P.C.** The weight-bearing shoulder, **66B**, 303
Tregonning, G.D. Chevron osteotomy for the treatment of hallux valgus: a review of 75 patients, **65B**, 519(*discussion*)
Dissolving the lumbar disc, **67B**, 673(*discussion*)
Internal fixation of subtrochanteric fractures of the femur in young adults, **67B**, 680

* Indicates full article or appreciable part

Tregonning, G.D., (*continued*)
Investigation of the lumbar spinal canal: CT scan or radiculogram, **67B**, 677(*discussion*)
Lumbar disc prolapse in the older patient, **67B**, 678(*discussion*)
Lytic spondylolysis: repair by wiring, **67B**, 674(*discussion*)
Recurrent lumbar disc prolapse after discectomy, **65B**, 520
with **Mackie, C.E.J.** Displaced Y-shaped intercondylar fractures of the humerus, **68B**, 677
Tregonning, R.J.A. Amputation secondary to dislocation of the knee, **66B**, 610(*discussion*)
Arthrography, arthroscopy and meniscectomy, **65B**, 521(*discussion*)
Closed partial meniscectomy for mechanical symptoms: early results, **65B**, 517
Closed partial meniscetomy: early results for simple tears with mechanical symptoms, **65B**, *378
Day-case closed partial meniscectomy, **67B**, 674
Displaced intra-articular fractures: an experimental model using the patellae of sheep, **67B**, 679(*discussion*)
Injuries of the rotator cuff of the shoulder, **66B**, 613 (*discussion*)
MacIntosh over-the-top fascia substitution for chronic anterior cruciate insufficiency, **66B**, 610
Posterior cruciate ligament injuries, **67B**, 674(*discussion*)
Repair of massive rotator cuff avulsions, **65B**, 518(*discussion*)
Results of the Magnusson-Stack procedure for recurrent dislocation of the shoulder, **65B**, 518(*discussion*)
Spontaneous rupture of the deltoid, **65B**, 518(*discussion*)
The radiological assessment of the anterior cruciate ligament, **66B**, 610(*discussion*)
The treatment of femoral fractures by cast brace application and early ambulation: a prospective review of 106 patients, **65B**, 518(*discussion*)
with **Lyon, D.W.** Elmslie-Trillat patellar tendon transfer: technique and early results, **66B**, 610
with **Rao, S.** Arthroscopy and arthrography of the knee menisci, **68B**, 678
with **van Dalen, J.** Arthroscopic findings in patients with chronic anterior cruciate ligament insufficiency undergoing reconstruction, **68B**, 675
Trickey, E.L. *Book reviews*, **66B**, 467
with **Leyshon, A.** *and* **Ireland, J.** The treatment of delayed union and non-union of the carpal scaphoid by screw fixation, **66B**, *124
with **Paterson, F.W.N.** Anterior cruciate ligament reconstruction using part of the patellar tendon as a free graft, **68B**, *453
with **Paterson, F.W.N.** Meniscectomy for tears of the meniscus combined with rupture of the anterior cruciate ligament, **65B**, *388
Trieshmann, H.W. *with others*. Quantitative gait analysis after total knee arthroplasty for monarticular degenerative arthritis, **65A**, *605
Trifaud, A. *with* **Poitout, D.** Reconstruction prosthesis for the resection of primary bone tumours of the lower limbs, **67B**, 329
Triffitt, J.T. *with* **Frootko, N.J.** Demineralised incus grafts in the rat middle ear, **65B**, 89
Trimble, J. *with* **Bunch, W.H.** *and* **Scarff, T.B.** Spinal cord monitoring, **65A**, *707(*current concepts review*)
with others. Adult-onset hemiplegia: changes in gait after muscle-balancing procedures to correct the equinus deformity, **68A**, *1249
Trippel, S. *Book reviews*, **66A**, 814
Trippel, S.B. Antibiotic-impregnated cement in total joint arthroplasty, **68A**, *1297(*current concepts review*)
with **van Wyk, J.J.** *and* **Mankin, H.J.** Localization of Somatomedin-C binding to bovine growth-plate chondrocytes *in situ*, **68A**, *897
Trivella, G. *with others*. Chondrodiatasis – controlled symmetrical distraction of the epiphyseal plate: limb lengthening in children, **68B**, *550
with others. Limb lengthening by distraction of the epiphyseal plate: a comparison of two techniques in the rabbit, **68B**, *545
Tropet, Y. *with* **Vichard, Ph.** *and* **Nicolet, F.** Muscle pedicle flap in the treatment and prevention of postoperative bone infection, **66B**, 146
Tross, R.B. *with others*. Effects of chemotherapeutic agents on bone: I. short-term methotrexate and doxorubicin (Adriamycin) treatment in a rat model, **66A**, *602
Trotter, D. *with* **Zindrick, M.** *and* **Ibrahim, K.** An unusual presentation of an osteochondroma: report of a case, **66A**, *299
Trumble, T. *with others*. Talectomy for equinovarus deformity in myelodysplasia, **67A**, *21
Tsairis, P. *with* **Pellicci, P.M.** *and* **Paget, S.** Post-anesthetic myoglobinuria with acute renal failure (normothermic malignant hyperthermia): a case report, **65A**, *413
Tsuge, K. *with others*. Arthroplasty of the elbow: twenty years' experience of a new approach, **69B**, *116
Tsuji, T. *with others*. Rupture of the extensor tendons of the fingers: report of three unusual cases, **68A**, *610
Tsutsui, H. *with others*. Subacromial bursoscopic findings in patients with painful shoulders, **67B**, 495
Tsuyuguchi, Y. *with others*. Duplication of the thumb: a retrospective review of two hundred and thirty-seven cases, **65A**, *584
Tubbs, O.N. *with* **Eastwood, D.M.** Failures of arthroscopic meniscectomy, **67B**, 157
Tudisco, C. *with* **Ippolito, E.** *and* **Farsetti, P.** Vertebra plana: long-term follow-up in five patients, **66A**, *1364
with **Ippolito, E.** *and* **Farsetti, P.** The long-term prognosis of unilateral Perthes' disease, **69B**, *243
with **Ippolito, E.** *and* **Massobrio, M.** Long-term results of open sternocleidomastoid tenotomy for idiopathic muscular torticollis, **67A**, *30
with others. Proteoglycans of human scoliotic intervertebral disc, **65A**, *815
with others. Proteoglycans of human infant intervertebral disc: electron microscopic and biochemical studies, **67A**, *284
Tuffley, D.J. Surgical management of congenital kyphosis in myelomeningocele, **66B**, 780(*discussion*)
with **McPhee, J.B.** The surgical management of Scheuermann's kyphosis, **65B**, 97
Tuite, J.D. *with* **Dowd, G.S.E.** *and* **Calvert, P.T.** Functional results after prolonged delayed union of tibial fractures, **68B**, 667
Tuke, M. *with others*. A new unconstrained elbow: a prospective review of 60 replacements, **68B**, *566
Tuli, S.M. The art and science of orthopaedics in developing countries, **67B**, *840
Tullos, H.S. *with* **Brodsky, J.W.** *and* **Gartsman, G.M.** Simplified posterior approach to the shoulder joint: a technical note, **69A**, *773
with **Provenzano, M.P.** *and* **Holmes, P.F.** Atraumatic recurrent dislocation of hip: a case report, **69A**, *938
with **Rogers, J.F.** *and* **Bennett, J.B.** Management of concomitant ipsilateral fractures of the humerus and forearm, **66A**, *552)
with others. Total hip arthroplasty with a low-modulus porous-coated femoral component: progress report, **66A**, *888; **67A**, 1143(*correspondence*)
Tumiel, A. *with* **Banna, M.** *and* **Stevenson, G.W.** Unilateral atlanto-occipital dislocation complicating an anomaly of the atlas: a case report, **65A**, *685
Turcotte, R. *with* **Antoun, R.** *and* **Fallaha, M.** Closed intramedullary nailing of femoral fractures: a review of 76 cases, **69B**, 500
Turnbull, A.D.M. *with others*. Acrometastases: a study of twenty-nine patients with osseous involvement of the hands and feet, **68A**, *743
Turnbull, T.J. *with* **Grange, W.** A comparison of Keller's arthroplasty and distal metatarsal osteotomy in the treatment of adult hallux valgus, **68B**, *132
with **Grange, W.J.** A comparison of osteotomy of the first metatarsal and Keller's operation, **66B**, 772
with **MacPherson, I.** *and* **Gardner, A.D.H.** A study of the natural history of idiopathic scoliotic patients awaiting surgery, **68B**, 682
Turner, A. Hand function in children with myelomeningocele, **67B**, *268
with **Owen, R.** *and* **Edwards, R.T.H.** Stiff men, wax dolls and tin soldiers: a diagnostic and therapeutic dilemma, **68B**, 162
with **Summers, B.N.** *and* **Wynn Jones, C.H.** The role of the shelf operation in the management of late congenital hip dysplasia, **69B**, 491
with **Summers, B.N.** *and* **Wynn-Jones, C.H.** The role of the shelf operation in the management of late congenital dislocation of the hip, **69B**, 498
with others. Costectomy as the first stage of surgery for scoliosis, **68B**, *91
with others. Preliminary costectomy in posterior corrective surgery for scoliosis, **67B**, 491
Turner, I.G. *with* **Thomas, N.P.** *and* **Jones, C.B.** Prosthetic anterior cruciate ligaments in the rabbit: a comparison of four types of replacement, **69B**, *312
with **Thomas, N.P.** A comparative analysis of four prosthetic anterior cruciate ligaments in the goat, **69B**, 849
with others. A comparative analysis of four prosthetic anterior cruciate ligaments in the rabbit, **68B**, 842
Turner, J.H. Post-traumatic avascular necrosis of the femoral head predicted by preoperative technetium-99m antimony-colloid scan: an experimental and clinical study, **65A**, *786
Turner, M.S. *with* **Abdon, C.P.** *and* **Swanson, A.J.G.** Meniscectomy in children, **67B**, 847
Turner, P.G. *with* **Al-Turaiki, M.H.S.** *and* **Bowker, P.** Quantitative assessment of knee joint instability, **67B**, 844
with **Grimshaw, P.N.** Measuring the instability of unstable knees, **69B**, 160
Turner, P.L. *with* **Webb, J.K.** *and* **Mason, S.M.** Report of neurological problems experienced using segmental wiring techniques in adolescent idiopathic scoliosis, **68B**, 680
with **Webb, J.K.** *and* **Sokal, M.P.J.W.** Surgery for spinal tumours, **68B**, 670
with **Webb, J.K.** A surgical approach to the upper thoracic spine, **69B**, *542
Turner, R.H. *Book reviews*, **65A**, 1214
Turner, T.M. *with others*. A comparative study of porous coatings in a weight-bearing total hip-arthroplasty model, **68A**, *1396
Turner-Smith, A.R. *with others*. The predictive value of Integrated Shape Imaging System scanning, **69B**, 852
Twist, J.S. *with others*. Disability following tibial shaft fracture, **68B**, 678
Tyer, H.D. *with* **Huckstep, R.L.** *and* **Gray, P.** Hip revision in the presence of gross bone destruction, **69B**, 165
Tyler, H.D. *with* **Stalley, P.** Neurological problems in rheumatoid subluxation of the cervical spine, **69B**, 164

* Indicates full article or appreciable part

Tylkowski, C.M. *with others*. Electromagnetic stimulation of canine bone grafts, **66A**, *693

U

Uchida, A. *with others*. Ceramics for bone replacement, **65B**, 668
with others. The use of ceramics for bone replacement, **66B**, *269
Uchida, T. *with others*. Hip joint operation utilising Bateman UPF prosthesis in Japan, **66B**, 301
Uchinishi, K. *with others*. Transfer of latissimus dorsi to replace a paralysed anterior deltoid: a new technique using an inverted pedicled graft, **69B**, *647
Udagawa, E. *with others*. Sternocostoclavicular hyperostosis: a report of nineteen cases, with special reference to etiology and treatment, **68A**, *103
with others. The aetiology and treatment of simple bone cysts, **65B**, *633
Udawat, M. *with others*. The trabecular pattern of the calcaneum as an index of osteoporosis, **65B**, *195
Ueno, T. *with others*. Free vascularized fibular transplant: a new method for monitoring circulation of the grafted fibula, **65A**, *1295
Uggeri, E. *with others*. Dextran/aspirin versus heparin/dihydroergotamine in preventing thrombosis after hip fractures, **67B**, *305
Ugolotti, U. *with others*. Dextran/aspirin versus heparin/dihydroergotamine in preventing thrombosis after hip fractures, **67B**, *305
Uhthoff, H.K. *Presidential address. Canadian Orthopaedic Association*, **66B**, 291
Repair of massive rotator cuff avulsions, **65B**, 518(*discussion*)
The effects of postoperative joint immobilisation on articular cartilage degeneration following meniscectomy, **65B**, 671(*discussion*)
with **Ackland, M.K.** *and* **Bourne, W.B.** Anteversion of the acetabular cup: measurement of angle after total hip replacement, **68B**, *409
with **Finnegan, M.** The effects of metal plates on post-traumatic remodelling and bone mass, **65B**, *66
with **Piscopo, M.** Anterior capsular redundancy of the shoulder: congenital or traumatic? An embryological study., **67B**, *363
with others. Diagnosing shoulder impingement by subacromial bursography, **68B**, 675
Book reviews, **69A**, 478, 637
Ul-Haque, I. Carpal tunnel syndrome due to an anomalous distal end of the radius, **65A**, 136(*correspondence*)
Ungar, R. *with others*. Growth-plate-chondrocyte profiles and their orientation, **67A**, *942
with others. Morphometric analysis of chondrocyte hypertrophy, **68A**, *243
Unger, A.S. *with others*. Intraspinal synovial cyst causing sciatica, **67A**, *865
Unni, K.K. *with others*. Dedifferentiated chondrosarcoma: a report of the clinicopathological features and treatment of seventy-eight cases, **68A**, *1197
Unni, K.K. *with* **Rock, M.G.** *and* **Pritchard, D.J.** Metastases from histologically benign giant-cell tumor of bone, **66A**, *269
with **Rock, M.G.** *and* **Sim, F.H.** Malignant giant-cell tumour of bone, **67B**, 328
with others Dedifferentiated parosteal osteosarcoma, **66A**, *53
with others. Chondrosarcoma in Maffucci's syndrome, **67A**, *1214
with others. Secondary malignant giant-cell tumor of bone: clinicopathological assessment of nineteen patients, **68A**, *1073
Unsworth, A. *with* **Jones, A.R.** *and* **Haslock, I.** Quantitative assessment of hand function, **68B**, 497
Upadhyay, S.S. *with* **Burwell, R.G.** *and* **Moulton, A.** Femoral anteversion in Perthes' disease with observations on irritable hips: application of a new method using ultrasound, **68B**, 496
with **Burwell, R.G.** *and* **Webb, J.K.** The use of the scoliometer to evaluate hump dynamics in relation to leg-length inequality and pelvic tilt, **69B**, 851–
with **Gupta, R.C.** Intra-osseous venography: accuracy and role in assessment of fracture healing and non-union, **65B**, 658
with **Moulton, A.** *and* **Burwell, R.G.** Biological factors predisposing to traumatic posterior dislocation of the hip, **67B**, *232
with **Moulton, A.** *and* **Srikrisnamurthy, K.** An analysis of the late effects of traumatic posterior dislocation of the hip without fractures, **65B**, *150
with others. Does an associated injury affect the outcome of a fracture of the femoral shaft?: a statistical analysis, **66B**, 285
with others. Integrated Shape Imaging System (ISIS): an evaluation of its capacity to measure lateral spinal curves and appraise hump dynamics on forward flexion, **69B**, 851
with others. Magnetic resonance imaging of patients with scoliosis: preliminary observations, **69B**, 854
Upton, A.R.M. *with* **Viviani, G.R.** *and* **Saltarelli, W.C.** Somatosensory evoked potentials before, during and after surgical correction of scoliosis, **67B**, 334
Urban, B.J. *with* **McKain, C.W.** *and* **Goldner, J.L.** The effects of intravenous regional guanethidine and reserpine: a controlled study, **65A**, *808
Urban, J. *with others*. Chemical and mechanical changes in the articular cartilage of the femoral head in osteoarthritis and subcapital fracture, **66B**, 288
with others. Mechanical and biochemical properties of human articular cartilage in osteoarthritic femoral heads and in autopsy specimens, **68B**, *278
with others. Mechanical and biochemical properties of human articular cartilage from the femoral head after subcapital fracture, **68B**, *418
Urban, J.P.G. *with others*. Proteoglycan synthesis rates in the intervertebral disc, **67B**, 843
Urban, R.M. *with others*. A comparative study of porous coatings in a weight-bearing total hip-arthroplasty model, **68A**, *1396
Urbaniak, J.R. A 13-year experience with 1000 replantations, **68B**, 678
Cadaveric elbow allografts: an eight-year experience, **68B**, 676
The surgical treatment of elbow flexion contracture, **68B**, 674
Treatment of avascular necrosis of the femoral head with a vascularised fibular graft, **68B**, 677
with **Richards, R.R.** *and* **Nunley, J.A.** The result of free tissue transfer in the management of lower extremity trauma, **67B**, 335
with others. Single finger replantation, **67B**, 330
with others. Correction of post-traumatic flexion contracture of the elbow by anterior capsulotomy, **67A**, *1160
with others. The results of replantation after amputation of a single finger, **67A**, *611
with **Richards, R.R.** *and* **Nunley, J.A.** Twenty-one severe open tibial fractures treated by free tissue transfer, **68B**, 850
Urist, M.R. *with others*. Bone repair induced by bone morphogenetic protein in ulnar defects in dogs, **68B**, *635
Urovitz, E.P. *with others*. Anterior cruciate reconstruction using the MacIntosh lateral-substitution over-the-top repair, **67A**, *1183
Urwin, G.H. *with others*. Aminohexane diphosphonate for the treatment of Paget's disease of bone, **68B**, 161
Usdin, J.C. *with* **du Toit, S.N.** Chemonucleolysis for herniated intervertebral discs, **67B**, 504
Usui, M. *with* **Sakata, H.** *and* **Ishii, S.** Effect of fluorocarbon perfusion upon the preservation of amputated limbs: an experimental study, **67B**, *473

V

Vaampani, D. *with others*. Scoliosis screening: a needs study, **69B**, 167
Vainionpää, S. *with others*. Biodegradable internal fixation for malleolar fractures: a prospective randomised trial, **69B**, *615
Valenti, V. Mummies' feet, **66B**, 773
Valentin, R. Preliminary report on carbon fibre implants for ligamentous injuries of the knee, **66B**, 453
Van Beek, A.L. *with others*. Anatomical basis for repair of ulnar and median nerves in the distal part of the forearm by group fascicular suture and nerve-grafting, **68A**, * 273
Van Dalen, J. *with* **Tregonning, R.J.A.** Arthroscopic findings in patients with chronic anterior cruciate ligament insufficiency undergoing reconstruction, **68B**, 675
Van Damme, B. *with* **Brabants, K.** *and* **Geens, S.** Subperiosteal juxta-articular osteoid osteoma, **68B**, *320
van den Bosch, B.F. *with others*. Failure of anterior cruciate-ligament reconstruction using tendon xenograft, **69A**, *860
van den Oever, M. *with* **Merrick, M.V.** *and* **Scott, J.H.S.** Bone scintigraphy in symptomatic spondylolysis, **69B**, *453
van der Merwe, D.F. The Austin Moore prosthesis in 1986, **69B**, 681
van Houte, D.P.F. *with others*. Hepatitis B antigen in joint irrigation fluid: a hazard for hospital personnel, **69B**, *662
van Nostrand, D. *with others*. Diagnosis of infection by preoperative scintigraphy with indium-labeled white blood cells, **69A**, *1353
van Paasen, H.C. *with others*. Failure of anterior cruciate-ligament reconstruction using tendon xenograft, **69A**, *860
Van Peteghem, P.K. *with others*. Closed reduction for fracture and fracture-dislocation of the thoracolumbar spine, **69B**, 510
van Steensel, C.J. *with others*. Failure of anterior cruciate-ligament reconstruction using tendon xenograft, **69A**, *860
van Wyk, L. Concomitant injuries in spinal cord trauma, **69B**, 680
Vande Berg, J.S. *with others*. Intrinsic flexor-tendon repair: a morphological study *in vitro*, **66A**, 385
van den Bout, A.H. Aetiology of club foot: a case control-study, **66B**, 450
with **Heyns, D.M.** *and* **Gräbe, R.P.** Stress fractures of the tibia: diagnostic pitfalls in children, **66B**, 450
van den Broek, J.A.C. *with* **Vegter, J.** The diagnostic value of traction during radiography in diseases of the hip: a preliminary report, **65B**, *428
Van der Linden, W. The randomized clinical trial in orthopaedics: obligation or option?, **68A**, 1465(*correspondence*)
van der Rijt, A.J. Is there any place for fusion in simple backache?, **67B**, 151(*discussion*)
with **Evans, G.A.** The long-term results of Watson-Hones tenodesis, **66B**, *371
with **Wroblewski, B.M.** Intramedullary cancellous bone block to improve femoral stem fixation in Charnley low-friction arthroplasty, **66B** *639

Van der Westhuizen, C.A. *with* **Birnie, R.H.** Evaluation of femoral osteotomy in the treatment of Legg–Calvé–Perthes disease, **68B**, 502
Van der Westhuizen, O. *with* **Malan, M.M.** Staged osteotomy and osteoclasis: a safe method of correcting angular deformities in long bones, **67B**, 506
VanDeventer, E. *with* **Brodsky, A.E.** *and* **Khalil, M.** Unicameral bone cyst of a lumbar vertebra: a case report, **68A**, *1283
van Graan, J.C. Bone changes after alcohol abuse, **67B**, 506(*discussion*)
Chondromalacia patellae: a mythical disease? **66B**, 456(*discussion*)
Total knee replacement, **66B**, 448(*discussion*)
Vane, A. *with others*. The incidence of lumbar Scheuermann's disease in a selected adult Australian male population, **69B**, 166
Vanhegan, J.A.D. Internal fixation in the surgical management of metastatic fractures of the femur, **66B**, 145(*discussion*)
with **Hopkins, N.F.G.** *and* **Jamieson, C.W.** Iliac aneurysm after total hip arthroplasty: surgical management, **65B**, *359
Van Herpe, L.B. *with others* Qualitative criteria for prediction of the results after displaced fracture of the ankle, **65A**, *667
Van Niekerk, J.J. *with* **Dyason, E.R.** Results of open Küntscher nailing, **68B**, 506
Van Olm, J.M.J. *with* **Gillespie, R.** Proximal tibial osteotomy for angular knee deformities in children, **66B**, 301
with **Torode, I.P.** *and* **Gillespie, R.** Surgical management of congenital kyphosis in myelomeningocele, **66B**, 779
van Poortvliet, J.A. *with others*. Mechanical factors in the incidence of knee pain in adolescents and young adults, **66B**, 279, *685
Van Puffelen, P. *with* **Cotton, G.E.** Hypophosphatemic osteomalacia secondary to neoplasia, **68A**, *129
van Reenen, J.C. An approach providing immediate functional movement of the postoperative knee and hip, **66B**, 453 (*discussion*)
Analysis of union of trochanteric osteotomy in total hip replacement, **66B**, 446(*discussion*)
Knee ligament injuries, **66B**, 450(*discussion*)
Radiocolloids: joint protection in haemophilia?, **66B**, 457 (*discussion*)
Van Rijssel, Th. G. *with* **Taconis, W.K.** Fibrosarcoma of long bones: a study of the significance of areas of malignant fibrous histiosarcoma, **67B**, *111
Van Rockel, H.E. *with* **Thurston, A.J.** Tourniquet pressure: the effect of limb circumference and initial blood pressure, **66B**, 608
van Rooyen, P. Analysis of union of trochanteric osteotomy in total hip replacement, using U-bolt fixation, **66B**, 446 (*discussion*)
Rheumatoid wrist deformity and its surgical correction, **66B**, 452(*discussion*)
Total knee replacement: a 6 to 11 year follow-up, **66B**, 447 (*discussion*)
van Vuren, J.P. Aetiology of club foot: a case control-study, **66B**, 451(*discussion*)
Knee ligament injuries, **66B**, 450(*discussion*)
Polyethylene—is the writing on the wall?, **66B**, 447(*discussion*)
Total knee replacement: a 6 to 11 year follow-up, **66B**, 447
Van Wyk, J.J. *with* **Trippel, S.B.** *and* **Mankin, H.J.** Localization of Somatomedin-C binding to bovine growth-plate chondrocytes *in situ*, **68A**, *897
Van Wyk, L. *with* **Vlok, G.J.** Percutaneous needle biopsy of the spine as a method of histological diagnosis, **67B**, 508
Varano, L.A. *with others*. Assessment of the risk of vertebral fracture in menopausal women, **69A**, *212, 952(*correspondence*)
Vardon, V. *with* **Hornby, R.** *and* **Evans, J.G.** Trochanteric fractures in the elderly, **68B**, 157
Varecka, T. *with others*. A prospective evaluation of 100 severe open tibial fractures, **67B**, 325
Varpanen, E. *with others*. Pneumatic tourniquet paralysis: case report, **65B**, *441
Varriale, P.L. *with* **Adler, M.L.** Occult fracture of the glenoid without dislocation: a case report, **65A**, *688
Vasey, H. *with* **Pahud, B.** Delayed internal fixation of femoral shaft fractures – is there an advantage?: a review of 320 fractures, **69B**, *391
Vatashsky, E. Prophylaxis of venous thromboembolic disease following hip and knee surgery, **68A**, 1465(*correspondence*)
Vater, M. *with others*. Subarachnoid block or general anaesthesia?: a study of the stress response during and after surgery for prosthetic replacement of fractured neck of femur, **65B**, 660
Vaughan, P.A. *with* **Newman, N.M.** *and* **Rosman, M.A.** Results of long-term versus short-term intravenous antibiotic therapy in children with acute osteomyelitis, **69B**, 506
with others. Lumbar disc herniation in the elderly, **68B**, 853
with others. Treatment of unstable fractures of the distal radius by external fixation, **67B**, *385
Vaughn, B.K. *with others*. Excessive metal release due to loosening and fretting of sintered particles on porous-coated hip prostheses: report of two cases, **68A**, *606
Vegter, J. Late reduction of the dislocated lunate: a method using distraction by an external fixator, **69B**, *734
The influence of joint posture on intra-articular pressure: a study of transient synovitis and Perthes' disease, **69B**, *71
with **Lubsen, Ch.C.** Fractional necrosis of the femoral head epiphysis after transient increase in joint pressure: an experimental study in juvenile rabbits, **69B**, *530
with **Van den Broek, J.A.C.** The diagnostic value of traction during radiography in diseases of the hip: a preliminary report, **65B**, *428
Veith, R.G. *with* **Galpin, R.D.** *and* **Hansen, S.T.** Treatment of failures after plating of tibial fractures, **68A**, *1231
with **Winquist, R.A.** *and* **Hansen, S.T., Jr.** Ipsilateral fractures of the femur and tibia: a report of fifty-seven consecutive cases, **66A**, *991
Velazco, A. *with* **Whitesides, T.E., Jr.** *and* **Fleming, L.L.** Open fractures of the tibia treated with the Lottes nail, **65A**, *879
Veldhuizen, A.G. *with* **Baas, P.** *and* **Webb, P.J.** Observations on the growth of the adolescent spine, **68B**, *724, 681
Venerys, J.E. Acute traumatic haemarthrosis of the knee, **66B**, 789(*discussion*)
Avascular necrosis of the scaphoid: partial replacement using a stabilised silicone implant, **66B**, 776 (*discussion*)
Compartment syndrones, **66B**, 790(*discussion*)
Disc bone grafting in protrusio acetabuli, **66B**, 786(*discussion*)
Venkatesan, P. *with others*. Synovectomy of the rheumatoid knee using intra-articular injection of dysprosium-165-ferric hydroxide macroaggregates, **69A**, *970
Veraart, B.E.E.M.J. Does conservative treatment change the natural history of idiopathic scoliosis?, **68B**, 682
Verberne, G.H.M. A femoral head prosthesis with a built-in joint: a radiological study of the movements of the two components, *544
Vernon-Roberts, B. *with* **Fraser, R.D.** *and* **Osti, O.L.** Discitis after discography, **69B**, *26
with **Fraser, R.D.** *and* **Osti, O.** An experimental study on discitis following discography, **68B**, 335
with **Howie, D.W.** Biocompatibility of aluminium oxide ceramic wear particles, **69B**, 165
with others. Bone resorption in the presence of polyethylene wear particles, **69B**, 165
Verroust, F. *with others*. Synovectomy of the elbow in young hemophilic patients, **69A**, *264
Versfeld, G.A. Management of massive bone defects due to acute pyogenic osteomyelitis, **69B**, 683
with **Katz, K.** *and* **Beighton, P.H.** Costo-vertebral anomalies in osteogenesis imperfecta, **67B**, 508
Versfield, G.A. *with others*. Costovertebral anomalies in osteogenesis imperfecta, **67B**, *602
Versluysen, M. Pressure sores in elderly patients: the epidemiology related to hip operations, **67B**, *10
Versveld, G.A. Brachial plexus repair in babies and young children, **66B**, 452(*discussion*)
Surgical management of partial closure of the growth plate, **66B**, 460
The role of the tibialis anterior and the long and short plantar ligaments in congenital club feet, **66B**, 450(*discussion*)
Veth, R.P.H. *with others*. Resection of a peri-acetabular chondrosarcoma and reconstruction of the pelvis, **67B**, *413
Vichard, Ph. *with* **Tropet, Y.** *and* **Nicolet, F.** Muscle pedicle flap in the treatment and prevention of postoperative bone infection, **66B**, 146
Vickers, D.W. A pilot study of the growth potential of the physis in a sheep tibia model, **66B**, 778(*discussion*)
Langenskiold's operation (physiolysis) for congenital malformations of bone producing Madelung's deformity and clinodactyly, **66B**, 778
Vickers, R.H. *Book reviews*, **67B**, 343; **68B**, 859
Vidal, J. *with others*. The Bankart procedure; its reliability among sportsmen, **66B**, 140
Videman, T. *with* **Langenskiöld, A.** *and* **Nevalainen, T.** The fate of fat transplants in operations for partial closure of the growth plate: clinical examples and an experimental study, **68B**, *234
Vidovich, J.D. *with* **Rush, J.H.** *and* **Johnson, M.A.** Arterial complications of total knee replacement: the Australian experience, **69B**, *400
Viegas, S.F. *with others*. Anatomical variations in the first extensor compartment of the wrist: a clinical and anatomical study, **68A**, *923
Vieyra, H.J.K. *Book reviews*, **65B**, 371
Vignos, P.J., Jr. *with others*. Predicting the success of reambulation in patients with Duchenne muscular dystrophy, **65A**, *719
Vigorita, V.J. *with* **Healey, J.H.** *and* **Lane, J.M.** The coexistence and characteristics of osteoarthritis and osteoporosis, **67A**, *586
with **Lane, J.M.** Osteoporosis, **65A**, *274(*current concepts review*)
with **Rao, A.S.** Pigmented villonodular synovitis (giant-cell tumor of the tendon sheath and synovial membrane): a review of eighty-one cases, **66A**, *76
with others. The healing of segmented bone defects induced by demineralized bone matrix: a radiographic and biomechanical study, **66A**, *274
Vihtonen, K. *with others*. Biodegradable internal fixation for malleolar fractures: a prospective randomised trial, **69B**, *615
Vijaya, T.R. *with* **Muckle, D.S.** Peripheral repair as an alternative to meniscectomy, **68B**, 159

* Indicates full article or appreciable part

Villar, R.N. *with* **Allen, S.M.** *and* **Barnes, S.J.** Hemiarthroplasty in healthy patients: operative delay versus prognosis, **69B**, 153
with **Thomas, W.G.** Subtrochanteric fractures: Zickel nail or nail-plate, **68B**, *255
with others. Three years after Colles' fracture: a prospective review, **69B**, *635
Vince, K. *with* **Miller, B.J.** Cross-union complicating forearm fractures in adults, **68B**, 856
Vince, K.G. *with* **Miller, J.E.** Cross-union complicating fracture of the forearm. Part I: adults, **69A**, *640
with **Miller. J.E.** Cross-union complicating fracture of the forearm. Part II: children, **69A**, *654
Vincent, N.E. *with* **Letts, M.** *and* **Gouw, G.** The "floating knee" in children, **68B**, *442, 855
Vishwakarma, G.K. *with* **Khare, A.K.** Amniotic arthroplasty for tuberculosis of the hip: a preliminary clinical study, **68B**, *68
Vitek, J. *with others.* Arteriographic embolization for control of excessive blood loss complicating revision of total hip arthroplasty: a case report, **65A**, *848
Viviani, G.R. *with* **Ghista, D.N.** *and* **Lozada, P.J.** A surgical technique to correct spinal deformities using combined distraction and segmental corrective forces application, **66B**, 299
with **Upton, A.R.M.** *and* **Saltarelli, W.C.** Somatosensory evoked potentials before, during and after surgical correction of scoliosis, **67B**, 334
with others. Results in scoliosis fusion using segmental wires to spinous processes combined with distraction rods, **68B**, 853
Vlatis, G. *with* **Anderson, E.G.** Swanson Silastic spacer in hallux rigidus and valgus, **69B**, 678
Vlok, A.L. *with others.* Fat embolism and the fat embolism syndrome: a double-blind therapeutic study, **69B**, *128
Vlok, G.J. *with* **De Beer, J.F.** Results of intertransverse lumbar fusions, **69B**, 684
with **van Wyk, L.** Percutaneous needle biopsy of the spine as a method of histological diagnosis, **67B**, 508
Volenec-Dowling, S. *with* **Bieber, E.J.** *and* **Weiland, A.J.** Silicone-rubber implant arthroplasty of the metacarpophalangeal joints for rheumatoid arthritis, **68A**, *206
Volpicelli, L.J. *with* **Chambers, R.B.** *and* **Wagner, F.W., Jr.** Ambulation levels of bilateral lower-extremity amputees: analysis of one hundred and three cases, **65A**, *599
Volpin, G. *with others.* Distribution of alkaline phosphatase activity in experimentally produced callus in rats, **68B**, *629
Volz, R.G. *with others.* Cementing technique and the effects of bleeding, **69B**, *620
Von Bormann, P.F.B. *with others.* Dislocation of the hip in cerebral palsy: management in children with total body involvement, **66B**, 451
Vonkuster, L.C. *with* **Holder, S.F.** *and* **Hopson, C.N.** Tuberculous arthritis of the elbow presenting as chronic bursitis of the olecranon: a case report, **67A**, *1127
Von Laer, L. Classification, diagnosis and treatment of transitional fractures of the distal part of the tibia, **67A**, *687
Voorhorst, G. *with others.* Failure of anterior cruciate-ligament reconstruction using tendon xenograft, **69A**, *860
Voutsinas, S. *with* **Macnicol, M.F.** Surgical treatment of the symptomatic accessory navicular, **66B**, *218
with **Sayakos, J.** *and* **Smyrnis, P.** Echinococcus infestation complicating total hip replacement: a case report, **69A**, *1456

W

Wada, E. *with others.* Calcinosis circumscripta: a case report, **68A**, * 297
Waddell, G. *Book reviews*, **65B**, 526
A morphological classification of thoracolumbar injuries, **67B**, 499(*discussion*)
with **Main, C.J.** Assessment of severity in low back disorders, **67B**, 501
with **Morris, E.W.** *and* **Di Paola, M.P.** Diagnostic criteria for nerve root involvement in backache, **65B**, 223
with others. Is there any place for fusion in simple backache?, **67B**, 151
Waddell, J.P. The use of a non-cemented hip prosthesis for revision of hip arthroplasty failures, **67B**, 330
The use of non-cemented bipolar hip prosthesis in the management of subcapital fractures of the femur, **68B**, 852
with **Bredo, L.** Tendon transfer in the management of persistent foot drop, **67B**, 326
with **Richards, R.R.** The role of shoulder fusion in the management of brachial plexus palsy, **67B**, 336
with others. Cardiopulmonary function and pulmonary microemboli during arthroplasty using cemented or non-cemented components: the role of intramedullary pressure, **69A**, *822 *with others.* Experiences with the Madreporic hip system, **69B**, 508
with others. Closed versus open nailing of femurs, **68B**, 849
with others. Non-cemented total hip arthroplasty, **66B**, 300
with others. The role of lavage in preventing hemodynamic and blood-gas changes during cemented arthroplasty, **65A**, *500
Waddell, P. *with* **Sherman, R.M.P.** *and* **Sullivan, T.R.** Laminectomy for extradural secondary tumour, **66B**, 298
Wade, P.J.F. *with* **Denham, R.A.** Arthrodesis of the knee after failed knee replacement, **66B**, *362
with **Rayner, C.R.W.** Total thumb reconstruction using an osteocutaneous forearm flap, **67B**, 153
Wade, W.J. The Chiari pelvic osteotomy, **68B**, 502
with **Lotz, J.** Magnetic resonance imaging in Perthes' disease, **69B**, 683
Wagner, F.W., Jr. *with* **Volpicelli, L.J.** *and* **Chambers, R.B.** Ambulation levels of bilateral lower-extremity amputees: analysis of one hundred and three cases, **65A**, *599
Wagner, M.B. *with others.* Predicting the success of reambulation in patients with Duchenne muscular dystrophy, **65A**, *719
Wagnon, J. *with* **Nonnenmacher, J.** *and* **Kempf, I.** Dynamic pinning of the wrist: its limitations in the treatment of Colles' fractures, **66B**, 148
Wahl, F.J. Reconstruction of the knee joint with a vascularised autograft from the pelvis followed by total knee arthroplasty, **68B**, 502
with **George, J.A.** Patellofemoral joint after high tibial osteotomy, **68B**, 504
Wahlig, H. *with others.* Pharmacokinetic study of gentamicin-loaded cement in total hip replacements, **66B**, *175
Wainwright, D. *Book reviews*, **68B**, 859
Subtrochanteric fracture after Garden screw fixation, **68B**, 161(*discussion*)
Waisbrod, H. *with others.* Direct nerve stimulation for painful peripheral neuropathies, **67B**, *470
Wakamatsu, E. *with others.* Configuration of the laminae and the facet joints of the lumbar spine and their clinical significance in degenerative spondylolisthesis, **67B**, 499
Walder, D.N. *with* **Pooley, J.** "Dry joints" in divers: an explanation, **65B**, 656
with **Thomas, I.H.** *and* **Holloway, I.** The effect of exposure to compressed air on blood flow in the rabbit femur, **65B**, 90
with **Thomas, I.H.** The effect of exposure to compressed air on marrow-fat cell size in the rabbit femur, **66B**, 290
Waldram, M.A. *with* **Sneath, R.S.** Giant-cell tumour of bone: analysis of 20 cases treated by curettage without bone graft, **69B**, 492
Waldrop, J.I. *with* **Broussard, T.S.** Disruption of the anterior cruciate ligament in a three-year-old child: a case report, **66A**, *1113
Walker, A.P. *with* **Ghali, N.N.** *and* **Silk, F.F.** Congenital vertical talus: the results of staged operative reduction, **67B**, *117
Walker, C.J. *with* **Harrold, A.J.** Treatment and prognosis in congenital club foot, **65B**, *8
Walker, D.A. *with others.* 25-OHD levels in institutionalised groups, **65B**, 92
Walker, G. *with* **Drabu, K.J.** Stiffness after fractures around the knee in spina bifida, **67B**, *266
with **Elsworth, C.** The safety of the Denis Browne abduction harness in congenital dislocation of the hip, **68B**, *275
Walker, G.F. *Book reviews*, **66B**, 464
with **Davies, S.J.M.** Problems in the early recognition of hip dysplasia, **66B**, *479
with **Davies, S.J.M.** Proximal fractures in children: to treat or to manage?, **69B**, 154
with **Good, C.J.** The hip in the moulded baby syndrome, **66B**, *491
with **Patterson, M.H.** Excision spinal osteotomy for kyphosis in myelomeningocele, **68B**, 159
Walker, K.A. *Book reviews*, **67B**, 513
Walker, P.C. *with others.* The application of photon absorption densitometry to the assessment of fracture healing, **69B**, 495
Walker, P.S. *with* **Murphy, S.B.** *and* **Schiller, A.L.** Adaptive changes in the femur after implantation of an Austin Moore prosthesis, **66A**, *437
with **Scott, R.D.** *and* **Ewald, F.C.** Fracture of the metallic tibial tray following total knee replacement: report of two cases, **66A**, *780
with others. Kinematic total knee replacement, **66A**, *1032
Walker, S.J. *with others.* The long-term results of the Liverpool Mark II knee prosthesis, **68B**, *111
Walker, S.W. *with others.* Isokinetic strength of the shoulder after replacement of a torn rotator cuff, **69A**, *1041
Wallace, B. *with others.* Late diagnosis of CDH: further risk factors, **69B**, 164
Wallace, C. *with others.* Spondylo-epi-metaphysial dysplasia with joint laxity and severe progressive kyphoscoliosis, **66B**, 454
Wallace, R. *with* **Ruff, S.** Posterior acetabular rim fractures, **69B**, 167
Wallace, S.L. *with* **Konugres, G.S.** *and* **Goldstein, E.J.C.** *Eikenella corrodens* as a cause of osteomyelitis in the feet of diabetic patients: report of three cases, **69A**, *940
Wallace, W.A. *Book reviews*, **68B**, 514
with **Barton, M.** Objective measurement of muscle power around the shoulder, **67B**, 161
with **Fagg, P.S.** *and* **Toghill, P.J.** The value of indium-111 leucocyte scans for detecting deep infection after joint replacement, **67B**, 320
with **Hoshino, A.** Impact-absorbing properties of the human knee, **69B**, *807

* Indicates full article or appreciable part

Wallace, W.A. *with* **Meadows, T.** Missed posterior dislocation of the shoulder, **69B**, 152
A.M. **The long-term results of conservative management of full-thickness tears of the rotator cuff,** 68B, **162**
with **Young, T.B.** Conservative treatment of fractures and fracture-dislocations of the upper end of the humerus, **67B**, *373
with others. A prospective study of the treatment of acromioclavicular dislocation, **66B**, 279
Wallenstein, R. *with* **Olerud, S.** *and* **Olsson, E.** Muscle strength after bilateral femoral osteotomy: a case report, **66A**, *792
Wallensten, R. Results of fasciotomy in patients with medial tibial syndrome or chronic anterior-compartment syndrome, **65A**, *1252
Waller, C. *with others.* A check list for spinal cord monitoring: is it a true or false-positive change, **69B**, 854
Walsh, H.P.J. *with* **McLaren, C.A.N.** *and* **Owen, R.** Galeazzi fractures in children, **69B**, *730
Walsh, M.J. *with* **Bates, E.H.** Tibialis posterior tendon transfer in Duchenne dystrophy, **68B**, 337
with **Churches, A.** *and* **Fischer, W.** A new device for knee surgery, **68B**, 338
Walsh, T. *with* **Harper, M.C.** Ender nailing for peritrochanteric fractures of the femur: an analysis of indications, factors related to mechanical failure, and postoperative results, **67A**, *79
Walter, N.E. *with* **Callahan, D.J.** *and* **Okoye, M.I.** Florid reactive periostitis of the proximal phalanx: case report, **67A**, *968
Walter, S.D. *with others.* An epidemiological study of acute prolapsed cervical intervertebral disc, **66A**, *907
Walters, J. *with* **Keys, G.W.** Idiopathic transient osteoporosis of the hip, **69B**, *773(*brief report*)
with **Shepherd-Wilson, W.** *and* **Lyons, T.** The use of Ender's nails in femoral shaft fractures, **68B**, 505
Walters, J.W. *with* **Morgan, D.A.F.** A prospective study of 100 consecutive scaphoid fractures, **65B**, 97
Walters, R.L. *with* **Lunsford, B.R.** Energy cost of paraplegic locomotion, **67A**, *1245
Waltman, A.C. *with others.* Detection of pulmonary emboli after total hip replacement using serial $C^{15}O_2$ pulmonary scans, **66A**, *1388
with others. Prophylaxis of deep-vein thrombosis after total hip replacement: dextran and external pneumatic compression compared with 1.2 or 0.3 gram of aspirin daily, **67A**, *57
Walton, D. Day-case closed partial meniscectomy, **67B**,675(*discussion*)
Walton, D.I. Calf blood flow during total hip replacement surgery: preliminary observations, **65B**, 518(*discussion*)
Chevron osteotomy for the treatment of hallux valgus: a review of 75 patients, **65B**, 519(*discussion*)
Closed partial meniscectomy for mechanical symptoms: early results, **65B**, 517(*discussion*)
Lumbar disc prolapse in the older patient, **67B**,678(*discussion*)
Posterior cruciate ligament injuries, **67B**, 674(*discussion*)
Repair of massive rotator cuff avulsions, **65B**, 518(*discussion*)
The role of computer-assisted tomography in the assessment of spinal fractures, **65B**, 520(*discussion*)
with **Hooper, G.J.** An evaluation of the bone-block iliotibial band transfer in the anterior cruciate-deficient knee, **68B**, 675
with **Hooper, G.J.** Reconstruction of the anterior cruciate ligament using the bone-block iliotibial-tract transfer, **69A**, *1150
Walton, M.H. *with* **Jeffery, A.K.** *and* **Wilson-MacDonald, J.** Displaced intra-articular fractures: an experimental model using the patellae of sheep, **67B**, 679
with **Jeffery, A.K.** The implantable electrical bone stimulator: a clinical and experimental study, **68B**, 677
Wang, D. *with* **Dewar, M.** A new external reduction and fixation system for fractures, **65B**, 657
Wang, G-J. *with* **Miller, T.O.** *and* **Stamp, W.G.** Femoral fracture following hip arthroplasty: brief note on treatment, **67A**, *956
Wang, G.-J. *with others.* A bow for application of traction to the spine: technical note, **68A**, * 306
Wang, G.J. *with others.* The effect of core decompression on femoral head blood flow in steroid-induced avascular necrosis of the femoral head, **67A**, *121
Wapples, J. *with others.* Ingrowing toenails: is there a nail abnormality?: a prospective study, **69B**, *840
Ward, E.F. *with* **Griend, R.V.** *and* **Tomasin, J.** Open reduction and internal fixation of humeral shaft fractures: results using AO plating techniques, **68A**, *430
Ward, J.D. *with others.* Plantar pressure measurements and the prevention of ulceration in the diabetic foot, **67B**, *79
Ward, M.W. *with* **Warren-Smith, C.D.** Operation for acromioclavicular dislocation: a review of 29 cases treated by one method, **69B**, *715
Ward, P.E. *with others.* Detection of obstructions in venous blood flow following total hip replacement, **69B**, 498
with others. Impedance plethysmography: a screening procedure to detect deep-vein thrombosis, **69B**, *264
Wardlaw, D. Preliminary experience with the Duo-Patella total knee replacement, **67B**, 144(*discussion*)
with **Macnab, I.** Nerve-root decompression for spinal stenosis, **67B**, 150
Warfield, C.A. The use of epidural steroids in the treatment of lumbar radicular pain: a prospective, randomized, double-blind study, **67A**, 980(*correspondence*)
Warrell, E. *with* **Taylor, J.F.** *and* **Evans, R.A.** Response of the growth plates to tibial osteotomy in rats, **69B**, *664
Warren, R.F. *Book reviews*, **68A**, 1310
with **Arnoczky, S.P.** *and* **Ashlock, M.A.** Replacement of the anterior cruciate ligament using a patellar tendon allograft: an experimental study, **68A**, *376
with **Gollehon, D.L.** *and* **Torzilli, P.A.** The role of the posterolateral and cruciate ligaments in the stability of the human knee: a biomechanical study, **69A**, *233
with others. Medial restraints to anterior-posterior motion of the knee, **66A**, *930
with others. The accuracy of double-contrast arthrographic evaluation of the anterior cruciate ligament: a retrospective review of one hundred and sixty-three knees with surgical confirmation, **65A**, *175
Warren-Smith, C.D. *with* **Forster, I.W.** Anterior cruciate ligament deficiency: results of quadriceps/patellar tendon reconstruction and early results of Goretex replacement, **69B**, 161
with **Ward, M.W.** Operation for acromioclavicular dislocation: a review of 29 cases treated by one method, **69B**, *715
Warshawsky, A. *with others.* The release of antineoplastic drugs from acrylic bone cement, **67B**, 845
Wassef, M. *with others.* The clinical features of early bleeding into the muscles of the lower limb in severe haemophiliacs, **65B**, *19
Wasserlauf, S. *with others.* The release of antineoplastic drugs from acrylic bone cement, **67B**, 845
Wastie, M.L. *with others.* Gamma scintigraphy of bone tumours using a radiolabelled anti-osteosarcoma monoclonal antibody, **67B**, 320
Wasylenko, M.J. Bipolar clavicular dislocation: report of a case, **69A**, 953(*correspondence*)
Watanabe, N. *with others.* Configuration of the laminae and the facet joints of the lumbar spine and their clinical significance in degenerative spondylolisthesis, **67B**, 499
Watanabe, R. *with others.* Fracture through a synchrondosis of the anterior arch of the atlas, **69B**, *483(*brief report*)
Waterhouse, N. *with others.* Urinary retention after total hip replacement: a prospective study, **69B**, *64
Waters, K.D. *with others.* Function after partial pelvic resection for Ewing's sarcoma, **69B**, *271
Waters, R.L. *Book reviews*, **69A**, 797
with others. Complications in the use of the halo fixation device, **68A**, *320
with others. Functional electrical stimulation of the peroneal nerve for hemiplegia: long-term clinical follow-up, **67A**, *792
Watkin, D.F.L. *with others.* Ingrowing toenails: is there a nail abnormality?: a prospective study, **69B**, *840
Watkins, G. *with others.* Histological types of bone weakness underlying femoral neck fractures: are there any differences between trochanteric and subcapital fractures?, **67B**, 844
Watkins, M.P. *with others.* Effect of patellectomy on the function of the quadriceps and hamstrings, **65A**, *390
Watkins, P.E. *with others.* An investigation of the influence of applied micromovement on experimental non-union of fractures, **68B**, 840
with others. The application of photon absorption densitometry to the assessment of fracture healing, **69B**, 495
Watson, C.H.C. *with* **Ashworth, M.A.** Growth disturbance and meningococcal septicemia: report of two cases, **65A**, *1181
Watson, H. *with* **Howie, C.R.** *and* **Christie, J.** A prospective randomised trial of compression screw fixation versus double divergent pin fixation for displaced subcapital fracture of the femur, **69B**, 490
Watson, H.K. *with* **Ryu, J.** *and* **Akelman, E.** Limited triscaphoid intercarpal arthrodesis for rotatory subluxation of the scaphoid, **68A**, *345
Watson, J. *with* **Downes, E.M.** Development of the iron-cored electromagnet for the treatment of non-union and delayed union, **66B**, *754
Watson, J.R. Fractures of the shaft of femur in road traffic accidents, **66B**, 782(*discussion*)
Watson, K.J. Rapid repetitive strain injury, **69B**, 166
Watson, M. Major ruptures of the rotator cuff: the results of surgical repair in 89 patients, **67B**, *618
The Bankart procedure; its reliability among sportsmen, **66B**, 140(*discussion*)
Watson, M.S. *Book reviews*, **66B**, 309
Watson, N. *with* **Burge, P.** *and* **Rushworth, G.** Patterns of injury to the terminal branches of the brachial plexus: the place for early exploration, **67B**, *630
Watt, I. Radiology in the diagnosis and management of bone tumours, **67B**, *520(*review article*)
with **Maurice, H.** *and* **Newman, J.H.** The use of bone scans in the assessment of the injured foot, **69B**, 159
with **Maurice, H.D.** *and* **Newman, J.H.** Bone scanning of the foot for unexplained pain, **69B**, *448
with **Norris, S.H.** The prognosis of neck injuries resulting from rear-end vehicle collisions, **65B**, *608
with others. Tibial stress fracture in pyrophosphate arthropathy, **65B**, *474

* Indicates full article or appreciable part

Watts, H. Does surgical glove powder decrease the inoculum of bacteria required to produce an abscess, **65B**, 665(*discussion*)
Dynamic infrapatellar reconstruction, **65B**, 670(*discussion*)
Intra-articular pressure: what determines its level?, **65B**, 672(*discussion*)
Knee pain associated with medial patellar plica, **65B**, 671(*discussion*)
Supracondylar fractures of the humerus in childhood: the use of overhead skeletal traction, **65B**, 675(*discussion*)
Which children with spina bifida keep on walking?, **65B**, 666(*discussion*)
Watts, R.W.E. *with others*. Changes in crystal size and orientation of acidic glycosaminoglycans at the fracture site in fractured necks of femur, **65B**, *189
Wattsgård, C. *with* **Landin, L.A.** *and* **Danielsson, L.G.** Transient synovitis of the hip: its influence, epidemiology and relation to Perthes' disease, **69B**, *238
Waugh, T.R. *with others*. Femoral neuropathy secondary to pressurized cement in total hip replacement: treatment by decompression and neurolysis: report of a case, **69A**, *623
Waugh, W. *Book reviews*, **65B**, 108; **66B**, 619; **68B**, 167
Revision of failed total knee replacements with the Stanmore hinged knee, **67B**, 489(*discussion*)
Stress radiography in degenerative arthritis of the knee, **67B**, 488(*discussion*)
The Denham knee replacement (The British Orthopaedic Study Group); **67B**, 489(*discussion*)
The treatment of infected total knee replacements, **67B**,144(*discussion*)
with **Tew, M.** *and* **Forster, I.W.** Comparing the results of different types of knee replacement: a method proposed and applied, **67B**, *775
with **Tew, M.** Tibiofemoral alignment and the results of knee replacement, **67B**, *551
Weatherley, C.R. *with* **Jaffray, D.** *and* **O'Brien, J.P.** Radical excision of an osteoblastoma of the cervical spine: a combined anterior and posterior approach, **68B**, *325
with **Prickett, C.F.** *and* **O'Brien, J.P.** Discogenic pain persisting despite solid posterior fusion, **68B**, *142
with others. The Oswestry experience with the ICLH double-cup arthroplasty, **68B**, 160
with others. The rib deformity in adolescent idiopathic scoliosis: a prospective study to evaluate changes after Harrington distraction and posterior fusion, **69B**, *179
with others. The rib hump in adolescent idiopathic scoliosis, **68B**, 159, 512(*corrigendum*)
Weaver, P. *with* **Lifeso, R.M.** *and* **Harder, E.H.** Tuberculous spondylitis in adults, **67A**, *1405
Webb, F.B. Acetabular socket fixation with emphasis on cement pressurisation, **66B**, 787(*discussion*)
Fractures of the shaft of femur in road traffic accidents, **66B**, 783(*discussion*)
Knee pain associated with medial patellar plica, **65B**, 671(*discussion*)
The Girdlestone: an alternative, **65B**, 665(*discussion*)
The use of gentamicin beads in osteomyelitis, **66B**, 784(*discussion*)
with **Christiansen, K.** The incorporation of gentamicin in bone cement: clinical studies on toxicity and therapeutic efficacy, **66B**, 783
Webb, J. *with others*. Histochemical and electrophysiological changes in the vastus lateralis muscles of patients with recurrent dislocation of the patellae, **69B**, 496
Webb, J.K. *Book reviews*, **66B**, 155; **67B**, 686; **68B**, 342
Tibial plateau fractures, **66B**, 282(*discussion*)
with **Christodoulou, A.G.** Anterior fusion in scoliosis: Zielke technique, **66B**, 284
with **Nicolopoulos, C.S.** *and* **Burwell, R.G.** Stature of girls with adolescent idiopathic scoliosis: the importance of pelvic height and its sexual dimorphism in health, **66B**, 289
with **Nicolopoulos, K.S.** *and* **Burwell, R.G.** Stature and its components in adolescent idiopathic scoliosis: cephalo-caudal disproportion in the trunk of girls, **67B**, *594
with **Tasker, T.P.B.** Internal fixation of fractures of the thoracolumbar spine, **66B**, 285
with **Turner, P.L.** *and* **Mason, S.M.** Report of neurological problems experienced using segmental wiring techniques in adolescent idiopathic scoliosis, **68B**, 680
with **Turner, P.L.** *and* **Sokal, M.P.J.W.** Surgery for spinal tumours, **68B**, 670
with **Turner, P.L.** A surgical approach to the upper thoracic spine, **69B**, *542
with **Upadhyay, S.S.** *and* **Burwell, R.G.** The use of the scoliometer to evaluate hump dynamics in relation to leg-length inequality and pelvic tilt, **69B**, 851
with **Wojcik, A.S.** *and* **Burwell, R.G.** Observations on the correction of the double curve pattern of scoliosis after the Zielke operation, **69B**, 854
with others. A study revealing a tall pelvis in subjects with low back pain, **65B**, *153
with others. Adolescent idiopathic thoracic scoliosis: a prospective trial with and without bracing during postoperative care, **69B**, *13
with others. Electrical studies in the problem back: a blind trial, **66B**, 280
with others. Functional results after immediate internal fixation of open tibial fractures, **67B**, 325
Webb, J.K., (*continued*)
with others. Impact of MRI on management of neurological complications of spinal deformity, **69B**, 854
with others. Integrated Shape Imaging System (ISIS): an evaluation of its capacity to measure lateral spinal curves and appraise hump dynamics on forward flexion, **69B**, 851
with others. Magnetic resonance imaging of patients with scoliosis: preliminary observations, **69B**, 854
with others. Posterior spinal fusion for idiopathic scoliosis: a comparison of four methods, **68B**, 680
with others. Standardised trunk asymmetry scores and vector stereography in idiopathic scoliosis, **66B**, 289
with others. Standardised trunk asymmetry scores: a study of back contour in healthy schoolchildren, **65B**, *452
with others. The penetration of antibiotics into the normal intervertebral disc, **69B**, *784
Webb, J.N. *with others*. Recurrent dislocation of the patella: histochemical and electromyographic evidence of primary muscle pathology, **69B**, *790
Webb, P.J. *Book reviews*, **68B**, 516
with **Calvert, P.T.** *and* **Edgar, M.A.** Neurofibromatosis and scoliosis, **67B**, 500
with **Hunt, D.M.** *and* **Morley, T.R.** A revised skin incision for operations on the posterior iliac crest and sacro-iliac joint, **66B**, 146
with **Veldhuizen, A.G.** *and* **Baas, P.** Observations on the growth of the adolescent spine, **68B**, *724, 681
with others. Combined compression and distraction Harrington instrumentation in adolescent idiopathic scoliosis, **69B**, 853
Weber, B.G. *with* **Hardegger, F.H.** *and* **Simpson, L.A.** The operative treatment of scapular fractures, **66B**, *725
with **Simpson, L.A.** *and* **Hardegger, F.** Rotational humeral osteotomy for recurrent anterior dislocation of the shoulder associated with a large Hill–Sachs lesion, **66A**, *1443
Weber, F. Long-term follow-up of Charnley low-friction arthroplasty of the hip, **67B**, 503(*discussion*)
with **Morein, G.** *and* **Gottachalk, F.** Analysis of union of trochanteric osteotomy in total hip replacement, using U-bolt fixation, **66B**, 446
Weber, F.A. Total hip replacement in the adult with congenital dislocation of the hip, **68B**, 502
Weber, P.C. Epithelioid sarcoma in association with total knee replacement: a case report, **68B**, *824
Webster, M.S. *with* **Fowler, P.J.** Shoulder pain in highly competitive swimmers, **66B**, 304
Webster, S. *with others*. Meniscal suturing by open and arthroscopic techniques—preliminary report, **67B**, 336
Weckström, J. *with others*. Recurrences after initial dislocation of the shoulder: results of a prospective study of treatment, **65A**, *343
Wedge, J.H. *with* **Ghadially, F.N.** *and* **Lalonde, J-M.A.** Experimental methods of repairing injured menisci, **68B**, *106
with **Khalifa, M.M.** *and* **Shokeir, M.H.K.** Skeletal anomalies in 40 patients with Noonan's syndrome, **69B**, 506
with **Outerbridge, H.K.** Spondylopatellar arthropathy: an unrecognised cause of patellar chondromalacia and instability, **65B**, 102
with **Stephenson, D.** One hundred and eight consecutive gunshot wounds of the musculoskeletal system in a civilian population, **66B**, 295
Wee, A. *with* **Satku, K.** *and* **Pho, R.W.H.** Painful heel syndrome — an unusual cause: case report, **66A**, *607
Weedon, D.DeV. *with* **Morgan, D.A.F.** *and* **McGiffin, P.B.** An experimental study of iatrogenically induced operating theatre burns, **66B**, 778
Weeks, P.M. *with others*. Post-traumatic palmar carpal subluxation: report of two cases, **65A**, *998
Weh, L. *with* **Binzus, G.** *and* **Rehder, U.** Histomorphometric, metabolic and mechanical properties of osteoarthritic cartilage, **67B**, 843
with **Eickhoff, W.** Anterior knee pain and muscular patellar gliding, **68B**, 841
Wehbé, M.A. *with* **Schneider, L.H.** Mallet fractures, **66A**, *658
with others. Two-stage flexor-tendon reconstruction: ten-year experience, **68A**, *752
Weightman, B. *with others*. Chemical and mechanical changes in the articular cartilage of the femoral head in osteoarthritis and subcapital fracture, **66B**, 288
with others. Mechanical and biochemical properties of human articular cartilage in osteoarthritic femoral heads and in autopsy specimens, **68B**, *278
with others. Mechanical and biochemical properties of human articular cartilage from the femoral head after subcapital fracture, **68B**, *418
with others. The mechanical properties of cement and loosening of the femoral component of hip replacements, **69B**, *558
Welker, G. *with others*. Anterior cruciate reconstruction using the Jones-Ellison procedure, **67A**, *1029
Weil, U. *with others*. An epidemiological study of acute prolapsed cervical intervertebral disc, **66A**, *907

Weiland, A.J. *Book reviews*, **65A**, 430
Bone scintigraphy in evaluating the viability of composite bone grafts revascularized by microvascular anstomoses, conventional autogenous bone grafts, and free non-revascularized periosteal grafts, **65A**, **280**(correspondence)
with **Bieber, E.J.** *and* **Volenec-Dowling, S.** Silicone-rubber implant arthroplasty of the metacarpophalangeal joints for rheumatoid arthritis, **68A**, *206
with **Moore, J.R.** *and* **Daniel, R.K.** The efficay of free tissue transfer in the treatment of osteomyelitis, **66A**, *181, 1494(*correspondence*)
with **Nettelblad, H.** *and* **Randolph, M.A.** Free microvascular epiphyseal-plate transplantation: an experimental study in dogs, **66A**, *1421
with others. Histological characteristics of acute rejection in vascularized allografts of bone, **69A**, *410
Weinberg, H. *with* **Amir, D.** *and* **Mogle, P.** Multiple epiphysial dysplasia in one family: a further review of seven generations, **67B**, *809
with **Sharon, R.** *and* **Husseini, N.** An unusually high incidence of homozygous MM in ankylosing spondylitis, **67B**, *122
with others. Congenital dislocation of the hip and computerised axial tomography, **66B**, *472
Weiner, D.S. *with* **Gallagher, J.M.** *and* **Cook, A.J.** When is arthrography indicated in Legg-Calvé-Perthes disease?, **65A**, *900
with **Melby, A.** *and* **Weiner, S.** Thirty-year experience with bone graft epiphysiodesis in the treatment of slipped femoral capital epiphysis, **66B**, 301
with **Wilcox, P.G.** The Akron dome osteotomy: preliminary review of a new surgical procedure for the treatment of rigid pes cavus, **67B**, 334
with others. The perils of internal fixation in slipped capital femoral epiphysis, **68B**, 856
Weiner, S. *with* **Weiner, D.S.** *and* **Melby, A.** Thirty-year experience with bone graft epiphysiodesis in the treatment of slipped femoral capital epiphysis, **66B**, 301
with others. The perils of internal fixation in slipped capital femoral epiphysis, **68B**, 856
Weiner, S.N. *with others*. Condensing osteitis of the clavicle: a case report, **66A**, *1484
Weinert, C.R., Jr. *with* **Raczka, R.** Recurrent dislocation of the superior tibiofibular joint: surgical stabilization by ligament reconstruction, **68A**, *126
with **Rosenfeld, S.R.** *and* **Kahn, B.** Congenital syphilis: a case report, **65A**, *115
Weinstein, J. *with others*. Lumbar disc herniation: a comparison of the results of chemonucleolysis and open discectomy after ten years, **68A**, *43
Weinstein, S. *In situ* pinning of the slipped upper femoral epiphysis: a trouble free procedure?, **68B**, 155(*discussion*)
Weinstein, S.L. *with* **Harris, I.E.** Long-term follow-up of patients with grade-III and IV spondylolisthesis: treatment with and without posterior fusion, **69A**, *960
with **McAndrew, M.P.** A long-term follow-up of Legg-Calvé-Perthes disease, **66A**, *860
with **Ponseti, I.V.** Curve progression in idiopathic scoliosis, **65A**, *815
with others. Legg-Calvé-Perthes disease: histochemical and ultrastructural observations of the epiphyseal cartilage and physis, **65A**, *797
with others. Proteoglycans of human scoliotic intervertebral disc, **65A**, *815
Weinzweig, N. *with* **Dowden, R.V.** *and* **Stulberg, B.N.** The use of tissue expansion to allow reconstruction of the knee: a case report, **69A**, *1238
Weir, J. *with* **Scotland, T.R.** Assessment of prognosis of the anterior cruciate deficient knee by means of tomography of the lateral tibial plateau, **67B**, 151
Weir, W. *with* **Ferris, B.D.** *and* **Goldie, B.** An unusual presentation of tuberculosis: "trauma TB", **69B**, 157
Weis, E.B., Jr. A prospective, randomized study of the management of severe ankle fractures, **67A**, 1304(*correspondence*)
In Vivo measurements of spinal column vibrations, **69A**, 634(*correspondence*)
with **Buchman, M.T.** Tetanus complicating an open trimalleolar fracture: a case report, **66A**, *139
Weise, M.D. *with others*. Lower-extremity sensibility testing in patients with herniated lumbar intervertebral discs, **67A**, *1219
Weisl, H. Coxa vara in spina bifida, **65B**, *128
Weiss, A.-P.C. *with* **Dorfman, H.D.** S-100 protein in human cartilage lesions, **68A**, *521
Weiss, R.E. *with* **Gepstein, R.** *and* **Hallel, T.** Acetabular dysplasia and hip dislocation after selective premature fusion of the triradiate cartilage, **66B**, *334
with **Gepstein, R.** *and* **Hallel, T.** Bridging large defects in bone by demineralized bone matrix in the form of a powder: a radiographic, histological and radioisotope-uptake study in rats, **69A**, *984
Weissman, B.N. *with others*. Intravenous methylmethacrylate after total hip replacement, **66A**, *443
Weisz, I. *with others*. The predictive value of Integrated Shape Imaging System scanning, **69B**, 852
Weitz, E.M. Paraplegia following chymopapain injection: a case report, **66A**, *1131; **67A**, 504(*correspondence*)
Welch, G.S. Tibial fracture-healing patterns seen when using external skeletal fixation, **67B**, 146(*discussion*)
Touraine–Solente–Golé syndrome, **67B**, 150
Welch, R.B. Lloyd W. Taylor, **67A**, 1145(*obituary*)
Wellington, P. *with* **Bennet, G.C.** Non-accidental injury as a cause of femoral fractures in childhood, **68B**, 155
Welsh, R.P. Recurrent dislocation of the shoulder: problems encountered in the surgically treated, **67B**, 327
Welton, E.A. *with* **Rose, G.K.** *and* **Marshall, T.** The diagnosis of flat foot in the child, **67B**, *71
Wendeberg, B. *with others*. Surgical versus non-surgical treatment of ligamentous injuries following dislocation of the elbow joint: a prospective randomized study, **69A**, *605
Wender, S. *with others*. Effect of patellectomy on the function of the quadriceps and hamstrings, **65A**, *390
Wendt, P.P. *with* **Johnson, R.P.** A study of quadriceps excursion, torque, and the effect of patellectomy on cadaver knees, **67A**, *726
Wenger, D.R. *with others*. Atlanto-axial instability and spinal cord compression in children — diagnosis by computerized tomography, **66A**, *708
Werbel, G.B. *with* **Shybut, G.T.** Acute compartment syndrome caused by a malfunctioning pneumatic-compression boot: a case report, **68A**, *1445
Werbie, T. *with others*. The use of Ender nails in fractures of the tibial shaft, **67A**, *446
Werner, C.-O. Paralysis of the posterior interosseous nerve caused by tumour, **69B**, *670(*brief report*)
Werner, F.W. *with* **McAfee, P.C.** *and* **Lubicky, J.P.** The use of segmental spinal instrumentation to preserve longitudinal spinal growth: an experimental study, **65A**, *935
Werry, D.G. *with others*. Intramedullary fixation of tibial shaft fractures with AO and Grosse-Kempf locking nails: a review of 70 consecutive fractures, **67B**, 325
Wertheim, S.B. *with* **Bohlman, H.H.** Occipitocervical fusion: indications, technique, and long-term results in thirteen patients, **69A**, *833
Wesolowski, D.P. *with* **Prusick, V.R.** *and* **Samberg, L.C.** Klippel-Feil syndrome associated with spinal stenosis: a case report, **67A**, *161
West, J.D. *with* **Mayor, M.B.** *and* **Collier, J.P.** Potential errors inherent in quantitative densitometric analysis of orthopaedic radiographs: a study after total hip arthroplasty, **69A**, *58
West, M. *with others*. Bicompartmental osteotomy of the knee, **67B**, 331
West, W.O. Velban as treatment for disseminated eosinophilic granuloma of bone: follow-up note after seventeen years, **66A**, *1128
Westbury, G. *Book reviews*, **66B**, 620
Westin, G.W. *with* **Perlik, P.C.** *and* **Marafioti, R.L.** A combination pelvic osteotomy for acetabular dysplasia in children, **67A**, *842
with others. Muscular torticollis: a modified surgical approach, **65A**, *894
Westlin, N. *with others*. Operative versus non-operative treatment of recent injuries to the ligaments of the knee: a prospective randomized study, **69A**, *1120
Weston, M.J. *with others*. Hyperparathyroidism and bone marrow changes, **65B**, 93
Wetherill, M. *with* **Bradley, J.** *and* **Benson, M.K.D.** Splintage for congenital dislocation of the hip: is it safe and reliable?, **69B**, *257
Wetherill, M.H. *with* **Lloyd-Roberts, G.C.** *and* **Fraser, M.** Trochanteric advancement for premature arrest of the femoral capital growth plate, **67B**, *21
Whitaker, I.A. *with* **Stirling, A.J.** *and* **Dickson, R.A.** The first year's follow-up of the MRC scoliosis screening programme, **69B**, 851
White, A.A., III *with* **Southwick, S.M.** The use of psychological tests in the evaluation of low-back pain, **65A**, 560(*current concepts review*), 1356(*correspondence*)
with others. An epidemiological study of acute prolapsed cervical intervertebral disc, **66A**, *907
White, A.A., III. *with* **Clark, C.R.** Fractures of the dens: a multicenter study, **67A**, *1340
with others. Prediction of vertebral body compressive fracture using quantitative computed tomography, **67A**, *1206
White, A.D. Late reactivation of osteomyelitis in long bones, **66B**, 782(*discussion*)
Sorting the sheep from the goats: the Pentothal test, **65B**, 101(*discussion*)
Spondylopatellar arthropathy: an unrecognised cause of patellar chondromalacia and instability, **65B**, 102(*discussion*)
White, A.G. *with* **Tookman, A.G.** *and* **Paice, E.W.** Idiopathic multicentric osteolysis with acro-osteolysis: a case report, **67B**, *86
White, B.L. *with* **Fisher, W.D.** *and* **Laurin, C.A.** Rate of mortality for elderly patients after fracture of the hip in the 1980's, **69A**, *1335 *with* **Fisher, W.D.** *and* **Laurin, C.A.** Mortality rate in elderly patients following hip fractures in the 1980s, **69B**, 503
White, G.M. *with* **Riley, L.H., Jr.** Isolated avulsion of the subscapularis insertion in a child: a case report, **67A**, *635
with others. The treatment of fractures of the femoral shaft with the Brooker-Wills distal locking intramedullary nail, **68A**, *865
White, J.B., Jr. J.Neill Garber, **68A**, 793(*obituary*)
White, R.C. *with* **Harrington, I.J.** *and* **Esses, S.I.** The use of a pylon for early ambulation after below-knee amputation: a preliminary report, **67B**, 335

* Indicates full article or appreciable part

Whitecloud, T.S. *with others*. Vibratory response in idiopathic scoliosis, **68B**, *714
Whitecloud, T.S., III. *with others*. Chronic atlanto-axial instability in Down syndrome, **67A**, *1356
Whitehill, R. *with* **Richman, J.A.** *and* **Glaser, J.A.** Failure of immobilization of the cervical spine by the halo vest: a report of five cases, **68A**, *326
with others. Late esophageal perforation from an autogenous bone graft: report of a case, **67A**, *644
with others. Nitrogen-gas injection from a power reamer: a complication of closed intramedullary nailing of the femur: technical note, **65A**, *860
Whiteside, L.A. *with others*. The effects of surgical procedures on the blood supply to the femoral head, **65A**,*1127
Whitesides, T.E., Jr. *with* **Velazco, A.** *and* **Fleming, L.L.** Open fractures of the tibia treated with the Lottes nail, **65A**, *879
Whiteway, D.W. *with others*. Supracondylar osteotomy of the humerus for correction of cubitus varus, **66B**, *566
Whitmore, J.M. *with* **Lamb, D.W.** *and* **Wynne-Davies, R.** Five-fingered hand associated with partial or complete tibial absence and pre-axial polydactyly, **65B**, *60
Whittingham, T.A. *with others*. An ultrasonic method for measuring spinal curvature, **67B**, 320
with others. Radiation-free demonstration of spinal shape, **68B**, 679
Whittle, M.W. *with* **Jefferson, R.J.** Objective biomechanical assessment of total knee replacements, **68B**, 839
Whyte, M.P. *with* **Coe, J.D.** *and* **Murphy, W.A.** Management of femoral fractures and pseudofractures in adult hypophosphatasia, **68A**, *981
Whyte, W. *with others*. A bacteriologically occlusive clothing system for use in the operating room, **65B**, *502
Wickiewicz, T.L. *Book reviews*, **67A**, 669
Wicklund, P.T. *with others*. Management of deformities of the forearm in multiple hereditary osteochondromas, **66A**, *670
Wicks, M.H. *with* **Good, C.J.** Developmental posterior dislocation of the radial head, **65B**, *64
Wickstrom, J. *with* **Marcus, R.E.** Irving Redler, 1497(*obituary*)
Wiedel, J.D. *with* **Wilkins, R.M.** Septic arthritis of the knee in a hemophiliac: a case report, **65A**, *267
Wienand, A.J. *with* **Köhnke, W.** Prevalence of fractures around the wrist, **68B**, 507
Injury to the musculocutaneous nerve as a complication of operations for recurrent dislocation of the shoulder, **66B**, 449(*discussion*)
The cervical spine in rheumatoid arthritis, **67B**, 503(*discussion*)
The rehabilitation of upper limb amputees at No.1 Military Hospital, **66B**, 459
Wiens, J. *with* **Letts, R.M.** *and* **Locht, R.C.** Monteggia fracture-dislocations in children, **67B**, *724
with **Locht, R.C.** *and* **Letts, R.M.** Monteggia fracture-dislocations in children, **66B**, 301
Wientroub, S. *with* **Reddi, A.H.** Bone induction properties of irradiated bone matrix, **67B**, 317
with others. Residual abduction of the forefoot: a review of the Turco procedure for congenital club foot, **69B**, *832
with others. Tibial dysplasia: a study of the anatomy, **65B**, *157
Wiesel, S.W. *with others*. The use of epidural steroids in the treatment of lumbar radicular pain: a prospective, randomized, double-blind study, **67A**, *63
Wilber, R.G. *with others*. Postoperative neurological deficits in segmental spinal instrumentation: a study using spinal cord monitoring, **66A**, *1178
Wilcox, P.G. *with* **Weiner, D.S.** The Akron dome osteotomy: preliminary review of a new surgical procedure for the treatment of rigid pes cavus, **67B**, 334
Wild, B.R. *with* **Rastogi, S.** *and* **Duthie, R.B.** Biomechanical aspects of human femora fractured in automobile accidents, **67B**, 494
with **Rastogi, S.** *and* **Duthie, R.B.** Biomechanical aspects of femoral fractures in automobile accidents, **68B**, *760
Wilde, A.H. James I. Kenrick, **68A**, 1467(*obituary*)
with others. Allograft reconstruction of the acetabulum during revision total hip arthroplasty: clinical, radiographic, and scintigraphic assessment of the results, **68A**, *527
Wilde, G.P. *with* **Baker, G.C.W.** Circumferential periosteal release in the treatment of children with leg-length inequality, **69B**, *817
Wilder, D.G. *with others*. Risk factors in low-back pain: an epidemiological survey, **65A**, *213
with others. Spine radiographs in patients with low-back pain: an epidemiological study in men, **66A**, *1048
Wilder, R.G. *with others*. Segmental spinal instrumentation in neuromuscular spinal deformities, **68B**, 680
Wiley, A.M. *with* **Ogilvie-Harris, D.J.** Arthroscopic surgery of the shoulder: a general appraisal, **68B**, *201
with **Poplawski, Z.J.** *and* **Murray, J.F.** Post-traumatic dystrophy of the extremities: a clinical review and trial of treatment, **65A**, *642
with **Wallace, W.A.** The long-term results of conservative management of full-thickness tears of the rotator cuff, **68B**, 162
Wiley, J.J. *with* **Baxter, M.P.** Fractures of the proximal humeral epiphysis: their influence on humeral growth, **68B**, *570
with **Brunet, J.A.** Acquired spondylolysis after spinal fusion, **66B**, *720
with **Brunet, J.A.** The late results of tarsometatarsal joint injuries, **69B**, *437
with **Brunet, J.A.** The late results of treatment of tarsometatarsal joint injuries, **68B**, 849
with **Galey, J.P.** Monteggia injuries in children, **67B**, *728
with **Galey, J.P.** The lateral Monteggia lesion, **67B**, 334
with **McIntyre, W.M.** *and* **Portner, O.T.** Joint infections in paediatric patients, **66B**, 303
with **McIntyre, W.M.** Fracture-separation of the distal humeral epiphysis, **67B**, 333
with **Mercier, P.** All-Terrain vehicle injuries in children, **68B**, 855
with **Profitt, A.** Os calcis fractures in children, **66B**, 302
Wilkins, K.E. *with* **Morrissy, R.T.** Deformity following distal humeral fracture in childhood, **66A**, *557
Wilkins, R.M. *with* **Johnston, R.M.** Ununited fractures of the clavicle, **65A**, *773
with **Wiedel, J.D.** Septic arthritis of the knee in a hemophiliac: a case report, **65A**, *267
Wilkinson, A.J. *with others*. Impedance plethysmography: a screening procedure to detect deep-vein thrombosis, **69B**, *264
Wilkinson, J.A. Abductor contracture of the infantile hip, **67B**,150(*discussion*)
Congenital dislocation of the hip: the preliminary results of a 10-year screening programme in Bristol, **65B**, 226(*discussion*)
The long-term results of innominate osteotomy for acetabular dysplasia, **69B**, 850
The surgical management of infantile congenital displacement of the hip joint, **69B**, 155
with **Harley, J.M.** Hip replacement for adults with unreduced congenital dislocation: a new surgical technique, **69B**, *752
with **Harley, J.M.** Total hip replacement in adults with persistent CDH, **69B**, 156
with **Thomas, W.G.** Glenoid osteotomy for recurrent posterior dislocation of the shoulder, **67B**, 496
Wilkinson, R.H. *with others*. The association of femoral retroversion with slipped capital femoral epiphysis, **68A**, *1000
Wilkinson, R.H. *with others*. Femoral anteversion, **69A**, *1169
Williams, A.J. *with others*. Slipped upper femoral epiphysis and primary juvenile hypothyroidism, **67B**, *14
Williams, D.H. *with* **Emery, R.J.H.** *and* **Robertson, K.P.** Distal metatarsal osteotomy for painful plantar keratoses: a day case treatment, **68B**, 844
with **Grant, C.E.P.** *and* **Catterall, A.** Posterolateral release for resistant club foot: early clinical experience, **69B**, 155
with others. A long-term study following Bennett's fracture, **68B**, 157
with others. An analysis of elbow flexion reconstructive procedures after brachial plexus injuries, **69B**, 488
Williams, D.J. *with* **Pring, D.J.** Bipolar fixation of fractures of the distal radius: a comparative study, **68B**, 666
Williams, E.A. *with* **Fahmy, N.R.M.** *and* **Noble, J.** Meniscal pathology and osteoarthritis of the knee, **65B**, *24
with others. Is conservative treatment of displaced tibial shaft fracture justified, **66B**, *84
with others. The early healing of tibial osteotomies stabilized by one-plane or two-plane external fixation, **69A**, *355
with others. The management of equinus deformity in Duchenne muscular dystrophy, **66B**, *546
Williams, F.J.B. *with* **Konings, J.G.** *and* **Deutman, R.** The effects of chemonucleolysis as demonstrated by computerised tomography, **66B**, *417
Williams, G.W. *with others*. Deep-vein thrombosis following total knee replacement: an analysis of six hundred and thirty-eight arthroplasties, **66A**, *194
Williams, J.C. The treatment of reflex sympathetic dystrophy syndrome, **66A**, 1493(*correspondence*)
Williams, J.F. *with* **Harris, J.** The hyperextendible elbow and its relationship to supracondylar fracture of the humerus in children, **65B**, 674
Williams, J.P.R. *with* **Bonney, G.** Trans-oral approach to the upper cervical spine: a report of 16 cases, **67B**, *691
Williams, L. *with others*. Tibial dysplasia: a study of the anatomy, **65B**, *157
Williams, L.A. *with others*. Bone scanning for suspected hip fractures: a prospective study in elderly patients, **69B**, *251
with others. Factors affecting the incidence of hip dislocation in cerebral palsy, **67B**, *530
Williams, P.F. Congenital dislocation of the hip: a connective tissue disease?, **65B**, 673(*discussion*)
Dynamic infrapatellar reconstruction, **65B**, 670(*discussion*)
What is the Trendelenburg test?, **65B**, 666(*discussion*)
with **Menelaus, M.B.** *and* **Stevens, P.M.** Innominate osteotomy for Perthes' disease, **65B**, 102
with **Thomas, I.H.** The Gruca operation for congenital absence of the fibula, **69B**, *587
Williamson, D. *with* **Benson, M.K.D.** The results of late femoral osteotomy for congenital dislocation of the hip, **69B**, 850

* Indicates full article or appreciable part

Williamson, R.V. *with others.* Sensibility testing in peripheral-nerve compression syndromes: an experimental study in humans, **65A**, *632
Willis, R.B. *with* **Grainger, R.W.** *and* **Dobson, C.** Legg–Perthes disease: a comparative analysis of innominate and varus osteotomy, **67B**, 332
with **Rock, M.G.** *and* **Hawkins, R.J.** Supracondylar fractures of the humerus in children: an analysis of open reduction and internal fixation, **68B**, 850
with others. Surgical synovectomy in the treatment of chronic haemophilic arthropathy, **66B**, 302
Willson, S. *with others.* Scheuermann kyphosis: follow-up of Milwaukee-brace treatment, **69A**, *50
Wilson, C. *with others.* Free vascularized osteocutaneous transplants from the groin for delayed primary closure in the management of loss of soft-tissue and bone in the hand and wrist: report of two cases, **67A**, *958
Wilson, D.J. *with others.* Diagnostic ultrasound in haemophilia, **69B**, *103
Wilson, D.W. *Book reviews*, **69B**, 171
Clinical aspects of plantar fibromatosis, **69B**, 679
Wilson, F.C. Address to Eighth Combined Meeting of the Orthopaedic Associations of the English-Speaking World, **69A**, 1253
Medicine in the third millennium: what then must we do?, **69A**, 1287
with **Taft, T.N.** *and* **Oglesby, J.W.** Dislocation of the acromioclavicular joint: an end-result study, **69A**, *1045
Wilson, F.R. Absorbable suture lasso in the treatment of complete disruption of the acromioclavicular joint, **66B**, 789(*discussion*)
The effects of postoperative joint immobilisation on articular cartilage degeneration following meniscectomy, **65B**, 671(*discussion*)
Wilson, J. *with others.* Late diagnosis of CDH: further risk factors, **69B**, 164
Wilson, J.N. Biomechanical aspects of human femora fractured in automobile accidents, **67B**, 494(*discussion*)
Neurological complications of dislocation of the shoulder, **67B**, 496(*discussion*)
The Roehampton brace, **67B**, 493(*discussion*)
with **Bossley, C.J.** Osteotomy in the treatment of osteoarthritis of the first carpometacarpal joint, **65B**, *179
with **Kernohan, J.** *and* **Levack, B.** Entrapment of the superficial peroneal nerve: three case reports, **67B**, *60
with **Ross, A.C.** *and* **Scales, J.T.** Endoprosthetic replacement of the proximal humerus, **69B**, *656
with **Ross, A.C.** *and* **Scales, J.T.** Massive prosthetic replacement of the proximal humerus, **67B**, 496
with **Scales, J.T.** *and* **Pringle, J.A.G.** Local recurrence after prosthetic replacement for chondrosarcoma, **67B**, 497
with others. Distal femoral replacement by custom-made prostheses: clinical follow-up and survivorship analysis, **69B**, *276
Wilson, K.J. *with* **Mader, J.T.** Comparative evaluation of cefamandole and cephalothin in the treatment of experimental *Staphylococcus aureus* osteomyelitis in rabbits, **65A**, *507
Wilson, N.I.L. *with* **Di Paola, M.** Acute septic arthritis in infancy and childhood: 10 years' experience, **68B**, *584
Wilson, N.W. *with* **Jones, C.B.** *and* **Aichroth, P.M.** Traumatic haemarthrosis of the knee: how good is our clinical assessment?, **69B**, 160
Wilson, P.D., Jr. *with others.* Conventional total hip arthroplasty for degenerative joint disease in patients between the ages of forty and sixty years, **66A**, *745
with others. Long-term results of revision total hip replacement: a follow-up report, **67A**, *513
with others. Results of revision for mechanical failure after cemented total hip replacement, 1979 to 1982: a two to five-year follow-up, **67A**, *1074
Wilson, P.D.G. Closed partial meniscectomy for mechanical symptoms: early results, **65B**, 517(*discussion*)
Wilson, R.I. *Book reviews*, **65B**, 231
with others. Diagnostic vibrations, **65B**, 222
Wilson, T.C. *with* **Snook, G.A.** *and* **Chrisman, O.D.** Long-term results of the Chrisman–Snook operation for reconstruction of the lateral ligaments of the ankle, **67A**, *1
Wilson, T.G. *with others.* The technetium phosphate bone scan in the diagnosis of osteomyelitis in childhood, **65A**, *431
with others. The value of ^{99m}Tc methylene diphosphonate bone scanning in the diagnosis of childhood osteomyelitis, **65B**, 102
Wilson, Y.G. *with others.* Standardised trunk asymmetry scores: a study of back contour in healthy schoolchildren, **65B**, *452
Wilson-MacDonald, J., *with* **Caughey, M.A.** *and* **Myers, D.B.** Diurnal variation in median nerve conduction, hand volume and grip strength in the carpal tunnel, **67B**, 679
with **Jeffery, A.K.** *and* **Walton, M.H.** Displaced intra-articular fractures: an experimental model using the patellae of sheep, **67B**, 679
Wilton, T.J. *with others.* Osteomalacia and femoral neck fractures in the elderly patient, **69B**, *388
with others. Screening for osteomalacia in elderly patients with femoral neck fractures, **69B**, *765
Wiltse, L.L. *with* **Winter, R.B.** Terminology and measurement of spondylolisthesis, **65A**, *768; **66A**, 631(*correspondence*)
Wing, P. *with others.* Closed reduction for fracture and fracture-dislocation of the thoracolumbar spine, **69B**, 510
Wing, P.C. The use of psychological tests in the evaluation of low-back pain, **65A**, 1356(*correspondence*)
with **Tredwell, S.J.** The weight-bearing shoulder, **66B**, 303
Wingstrand, H. *with* **Egund, N.** *and* **Forsberg, L.** Sonography and joint pressure in synovitis of the adult hip, **69B**, *254
Winkelmann, W.W. Hip rotationplasty for malignant tumors of the proximal part of the femur, **68A**, *362
Winquist, R.A. *with* **Hansen, S.T., Jr.** *and* **Clawson, D.K.** Closed intramedullary nailing of femoral fractures: a report of five hundred and twenty cases, **66A**, *529
with **Swiontkowski, M.F.** *and* **Hansen, S.T., Jr.** Fractures of the femoral neck in patients between the ages of twelve and forty-nine years, **66A**, *837
with **Veith, R.G.** *and* **Hansen, S.T., Jr.** Ipsilateral fractures of the femur and tibia: a report of fifty-seven consecutive cases, **66A**, *991
with others. Subtrochanteric fracture of the femur: fixation using the Zickel nail, **69A**, *1032
Winson, I.G. *with* **Broughton, N.S.** Keller's and first metatarsal osteotomy for hallux valgus in middle-aged females: a comparison of the long-term results, **69B**, 493
with **Rawlinson, J.** *and* **Broughton, N.S.** The treatment of metatarsalgia by sliding distal metatarsal osteotomy, **69B**, 156
with others. A cerclage technique for metatarsus primus varus, **69B**, 678
with others. Do soft-tissue operations work in hallux valgus?: a review of the McBride procedure in middle-aged females, **69B**, 156, 511(*corrigendum*)
Winston, I. *with others.* Late repair of the calcaneal tendon with carbon fibre, **66B**, *206
Winter, R. Edward J. Riseborough, **68A**, 153(*obituary*)
with others. Scheuermann kyphosis: follow-up of Milwaukee-brace treatment, **69A**, *50
Winter, R.B. The natural history of spondylolysis and spondlolisthesis, **67A**, 823(*correspondence*)
Thoracic lordoscoliosis in neurofibromatosis: treatment by a Harrington rod with sublaminar wiring: report of two cases, **66A**, *1102; **67A**, 823(*correspondence*)
with **Koop, S.E.** *and* **Lonstein, J.E.** The surgical treatment of instability of the upper part of the cervical spine in children and adolescents, **66A**, *403
with **Moe, J.H.** *and* **Lonstein, J.E.** Posterior spinal arthrodesis for congenital scoliosis: an analysis of the cases of two hundred and ninety patients, five to nineteen years old, **66A**, *1188
with **Wiltse, L.L.** Terminology and measurement of spondylolisthesis, **65A**, *768
with others. Adult idiopathic scoliosis treated by anterior and posterior spinal fusion, **69A**, *843
with others. The selection of fusion levels in thoracic idiopathic scoliosis, **65A**, *1302
Winter, W.G., Jr. *with* **Combs, C.R.** *and* **Schenkar, D.L.** Central fracture of the acetabulum: adjunctive innominate osteotomy as an aid in operative reduction: case report, **66A**, *130
Winters, T.F., Jr. *with* **Gage, J.R.** *and* **Hicks, R.** Gait patterns in spastic hemiplegia in children and young adults, **69A**, *437, 1304(*correspondence*)
Wisbeach, A. *with others.* The use of the pneumatic orthosis in osteogenesis imperfecta, **68B**, 668
Wisneski, R.J. *with others.* Neuropraxia of the cervical spinal cord with transient quadriplegia, **68A**, *1354
Witherow, P.J. Short-term results of bracing in adolescent scoliosis, **68B**, 681
with others. Congenital dislocation of the hip: the preliminary results of a 10-year screening programme in Bristol, **65B**, 226
Withrington, R.H. *with* **Wynn Parry, C.B.** Rehabilitation of conversion paralysis, **67B**, *635
Witrak, G.A. *with others.* Secondary malignant giant-cell tumor of bone: clinicopathological assessment of nineteen patients, **68A**, *1073
Wittlinger, A.P. Reconstruction of the ulnar collateral ligament in athletes, **69A**, 953(*correspondence*)
Wixson, R.L. *with* **Lautenschlager, E.P.** The effect of centrifugation on the fracture properties of acrylic bone cements, **68A**, 1127(*correspondence*)
with others. The influence of prosthetic stem stiffness and of a calcar collar on stresses in the proximal end of the femur with a cemented femoral component, **66A**, *280
Wohl, E.B. *with others.* Results of surgical treatment of adults with idiopathic scoliosis, **69A**, *667
Wojcik, A.S. *with* **Webb, J.K.** *and* **Burwell, R.G.** Observations on the correction of the double curve pattern of scoliosis after the Zielke operation, **69B**, 854
Wold, L.E. *with others.* Dedifferentiated parosteal osteosarcoma, **66A**, *53
Wolfe, I.N. *with* **Bigliani, L.U.** *and* **Perez-Sanz, J.R.** Treatment of trapezius paralysis, **67A**, *871
Wolfe, M.S. *with* **North, E.R.** Extravasation of injected calcium solution leading to calcifications in the upper extremity of the neonate: report of a case, **65A**, 558; **66A**, 152(*correspondence*)
Wolff, T.W. *with* **Lowrey, D.G.** *and* **Moss, S.H.** Volar dislocation of the capitate: report of a case, **66A**, *611
Wolfgang, G.L. Complex congenital anomalies of the lower extremities: femoral bifurcation, tibial hemimelia, and diastasis of the ankle: case report and review of the literature, **66A**, *453
The management of fractures in the patient with multiple trauma, **69A**, 152(*correspondence*)

* Indicates full article or appreciable part

Wolverson, M.K. *with others*. Magnetic resonance imaging in planning limb-salvage surgery for primary malignant tumors of bone, **68A**, *809
Wong, A.C.W. *with others*. Calcinosis circumscripta: a case report, **68A**, *297
Wong, S.Y.P. *with others*. The effect of age on bone composition and viability in the femoral head, **67A**, *274
Wong, W.L. *with* **Leung, P.C.** The vessels of the first metatarsal web space: an operative and radiographic study, **65A**, *235
Woo, C.H. *with others*. Rosai-Dorfman disease presenting as spinal tumour: a case report with ultrastructural and immunohistochemical studies, **67A**, *1427
Woo, S.L.-Y. *with others*. The biomechanical and morphological changes in the medial collateral ligament of the rabbit after immobilization and remobilization, **69A**, *1200
Wood, M.B. *with* **Strecker, W.B.** *and* **Bieber, E.J.** Compartment syndrome masked by epidural anesthesia for postoperative pain: report of a case, **68A**, *1447
Wood, P.L.R. Diagnostic criteria for nerve root involvement in backache, **65B**, 223(*discussion*)
Wood, S.K. *Book reviews*, **68B**, 170
Sterile micro-environment in the prevention of wound infection, **67B**, 153(*discussion*)
with **McLaren, M.I.** Surgery for hallux valgus, **69B**, 156
Wood, V.E. *with* **Mudge, M.K.** *and* **Frykman, G.K.** Rotator cuff tears associated with os acromiale, **66A**, *427
Woodbury, D.F. *with* **Skoff, H.** Management of the upper extremity in cerebral palsy, **67A**, *500(*current concepts review*)
Woodham, C.H. *with others*. Diagnostic ultrasound in haemophilia, **69B**, *103
Woods, D.A. *with others*. Osteocalcin as a marker of bone metabolism, **67B**, 159
Woods, G.A. *with* **Jacobs, R.R.** *and* **Hassanein, R.** Evaluation of the use of braces to prevent injury to the knee in collegiate football players, **69A**, 1467(*correspondence*)
Woodward, H.R. *with others*. A prospective, randomized study of the management of severe ankle fractures, **67A**, *67
Woodyard, J.E. *with* **Riley, D.** Long-term results of geomedic total knee replacement, **67B**, *548
Woolley, D.M. *with* **Read, L.** Phenol ablation of the lateral nail bed margin for ingrowing great toenail, **68B**, 845
Woolson, S.T. *with* **Harris, W.H.** Complex total hip replacement for dysplastic or hypoplastic hips using miniature or microminiature components, **65A**, *1099
with **Maloney, W.J.** *and* **Schurman, D.J.** Time-related improvement in the range of motion of the hip after total replacement, **67A**, *1251
with **Marsh, J.S.** *and* **Tanner, J.B.** Transfusion of previously deposited autologous blood for patients undergoing hip-replacement surgery, **69A**, *325
Wordsworth, B.P. *with others*. The application of molecular genetic techniques to the study of achondroplasia, **68B**, 495
Worlock, P. Supracondylar fractures of the humerus: assessment of cubitus varus by the Baumann angle, **68B**, *755
Worlock, P.H. *with* **Clement, D.A.** Triplane fracture of the distal tibia: a variant in cases with an open growth plate, **69B**, *412
with **Colton, C.L.** Overhead traction in the treatment of supracondylar fractures of the humerus, **69B**, 152
with **Stower, M.J.** *and* **Barbor, P.** Fracture patterns in child abuse, **69B**, 154
Worthington, B.S. *with others*. Magnetic resonance imaging and discography in the diagnosis of disc degeneration: a comparative study of 50 discs, **68B**, *369
with others. Magnetic resonance imaging of patients with scoliosis: preliminary observations, **69B**, 854
with others. Magnetic resonance imaging of adolescent disc herniation, **69B**, *699
with others. The changes in the intervertebral disc after chemonucleolysis demonstrated by magnetic resonance imaging, **68B**, *719
with others. The musculoskeletal applications of NMR imaging, **66B**, 290
with others. The use of nuclear magnetic resonance in the diagnosis of lateral canal entrapment, **66B**, *711
Wray, C.C. *with others*. The value of early mobilisation in the treatment of Colles' fractures, **69B**, *463
Wredmark, T. *with others*. The coracoid transfer for recurrent dislocation of the shoulder: technical aspects of the Bristow-Latarjet procedure, **65A**, *926
Wright, C.S. *with* **McMurtry, R.Y.** AO arthrodesis in the hand, **66B**, 296
Wright, K. *with* **Love, B.R.T.** Leg length discrepancy after total hip joint replacement, **65B**, 103
Wright, K.W.J. *with* **Jones, C.B.** *and* **Scott, W.A.** An *in vitro* investigation into the biomechanical status of nylon cerclage bands, **66B**, 278
Wright, P.E. *Book reviews*, **67A**, 830
Wright, P.H. Amputation secondary to dislocation of the knee, **66B**, 610(*discussion*)
Tourniquet pressure: the effect of limb circumference and initial blood pressure, **66B**, 608(*discussion*)
with **Phillips, T.W.** Resurfacing arthroplasty of the hip, **66B**, 614
Wright, P.H., (*continued*)
with others. Late complications of total hip replacement from bone cement within the pelvis, **66B**, *41
Wright, T.M. *with* **Bartel, D.L.** *and* **Bicknell, V.L.** The effect of conformity, thickness, and material on stresses in ultra-high molecular weight components for total joint replacement, **68A**, *1041
with **Bartel, D.L.** The effect of conformity, thickness, and material on stresses in ultra-high molecular weight components for total joint replacement, **69A**, 472(*correspondence*)
with **Burstein, A.H.** Neck fractures of femoral prostheses: a report of two cases, **67A**, *497
with **Rimnac, C.M.** *and* **McGill, D.L.** The effect of centrifugation on the fracture properties of acrylic bone cements, **68A**, * 281
Wright, V. *with others*. The correlation of a functional study of the rheumatoid elbow with the x-ray patterns of disease and its application to elbow arthroplasty, **67B**, 154
Wroble, R.R. Congenital ball-and-socket ankle joints and related lower-extremity malformations, **65A**, 421(*correspondence*)
with others. The malignant potential of enchondromatosis, **69A**, *269
Wroblewski, B.M. *Book reviews*, **67B**, 167
Direction and rate of socket wear in Charnley low-friction arthroplasty, **67B**, *757
Reattachment of the greater trochanter after hip replacement, **67B**, *736
Wroblewski, B.M. Revision of infected hip arthroplasty, **65B**, 224
Sir John Charnley (*obituary*); **65B**, 84
with **Menon, T.J.** *and* **Thjellesen, D.** Charnley low-friction arthroplasty in diabetic patients, **65B**, *580
with **van der Rijt, A.** Intramedullary cancellous bone block to improve femoral stem fixation in Charnley low-friction arthroplasty, **66B**, *639
with others. External wear of the polyethylene socket in cemented total hip arthroplasty, **69B**, *61
with others. The role of cement and roughening upon the penetration rate of femoral heads into acetabular cups of Charnley prostheses, **68B**, 496
with others. deep infection in Charnley low-friction arthroplasty: comparison of plain and gentamicin-loaded cement, **69B**, *355
Wu, J-J. *with others*. Comparison of osteotomy healing under external fixation devices with different stiffness characteristics, **66A**, *1258
with others. External skeletal fixation of canine tibial osteotomies: compression compared with no compression, **67A**, *598
Wu, J.-W. *with* **Liang, Q.-Y.** Fracture of the patella treated by open reduction and external compressive skeletal fixation, **69A**, *83
Wubben, R.C. *with* **Brewer, B.J.** *and* **Carrera, G.F.** Excessive retroversion of the glenoid cavity: a cause of non-traumatic posterior instability of the shoulder, **68A**, *724
with **Brewer, B.J.** *and* **Carrera, G.F.** Excessive retroversion of the glenoid cavity: a cause of non-traumatic posterior instability of the shoulder, **69A**, 632(*correspondence*)
Wukich, D.K. *with others*. Diagnosis of infection by preoperative scintigraphy with indium-labeled white blood cells, **69A**, *1353
Wuttke, R.V.H. Bristow operation for recurrent anterior dislocation of the shoulder, **65B**, 101(*discussion*)
Normovolaemic haemodilution and autotransfusion in adult orthopaedics, **65B**, 103
Supracondylar fractures of the humerus in childhood: the use of overhead skeletal traction, **65B**, 675(*discussion*)
Wyatt, M.P. *with others*. Vibratory response in idiopathic scoliosis, **68B**, *714
Wyatt, R.W.B. *with* **Hofmann, A.A.** Fatal pulmonary embolism following tourniquet inflation: a case report, **67A**, *633
Wynn Jones, C.H. *with* **Summers, B.N.** *and* **Turner, A.** The role of the shelf operation in the management of late congenital hip dysplasia, **69B**, 491
with **Turner, A.** *and* **Summers, B.N.** The role of the shelf operation in the management of late congenital dislocation of the hip, **69B**, 498
Wynn Jones, C.J. *with others*. A clinical and laboratory analysis of forearm fracture fixation with less than rigid implants, **65B**, 364
Wynn Parry, C.B. *Book reviews*, **65B**, 683
with others. Peripheral nerve injuries, **68B**, *2(*symposium*)
Wynn-Jones, C.H. *with others*. A preliminary report on the use of carbon composite plates in forearm fractures, **68B**, 161
Wynne, A.T. *with* **Nelson, M.A.** *and* **Nordin, B.E.C.** Costo-iliac impingement syndrome, **67B**, *124
with others. Congenital dislocation of the hip: a place for early primary surgical treatment, **68B**, 668
Wynne-Davies, R. *with* **Gormley, J.** The prevalence of skeletal dysplasias: an estimate of their minimum frequency and the number of patients requiring orthopaedic care, **67B**, *133
Wynn Parry, C.B. *with* **Withrington, R.H.** Rehabilitation of conversion paralysis, **67B**, *635
with **Lamb, D.W.** *and* **Whitmore, J.M.** Five-fingered hand associated with partial or complete tibial absence and pre-axial polydactyly, **65B**, *60
with **Howell, C.J.** The tricho-rhino-phalangeal syndrome: a report of 14 cases in 7 kindreds, **68B**, *311
Wypij, D. *with* **Santner, T.J.** Fundamentals of statistics for orthopaedists: part III, **66A**, *1309(*current concepts review*)
with **Santner, T.J.** Fundamentals of statistics for orthopaedists: part IV, **69A**, *463(*current concepts review*)

* Indicates full article or appreciable part

Wyss, C. *with others*. Lower-extremity rotational problems in children: normal values to guide management, **67A**, *39
Wyss, C.R. *with others*. Total shoulder arthroplasty, **69A**, *865

Y

Yabe, Y. *with others*. Transfer of latissimus dorsi to replace a paralysed anterior deltoid: a new technique using an inverted pedicled graft, **69B**, *647
Yabuki, T. *with* **Hayashi, K.** Origin of the uncus and of Luschka's joint in the cervical spine, **67A**, *788
Yadav, S.S. Bridging of large bone defects by bone grafts without rigid internal fixation, **69B**, 165
Yagihara, K. *with others*. Operation for chronic dislocation of the radial head in children: reduction by osteotomy of the ulna, **69B**, *639
Yale, C. *with others*. Treatment of primary osteoarthritis of the hip: a comparison of total joint and surface replacement arthroplasty, **66A**, *228
Yamagishi, M. *with* **Crock, H.V.** The blood supply of the conus medullaris and cauda equina in man, **69B**, 161
Yamamoto, R. *with others*. Subacromial bursoscopic findings in patients with painful shoulders, **67B**, 495
Yamamoro, T. *with others*. Atlanto-axial subluxation with spondyloschisis in Down syndrome: case report, **67A**, *1414
with others. Rupture of the extensor tendons of the fingers: report of three unusual cases, **68A**, *610
Yamanaka, K. *with others*. Locking of the metacarpophalangeal joint of the thumb, **67A**, *782
Yamano, Y. *with others*. Fracture through a synchrondosis of the anterior arch of the atlas, **69B**, *483(*brief report*)
Yamasaki, K. *with others*. Arthritis presumably caused by chlamydia in Reiter syndrome: case report with electron microscopic studies, **68A**, *777
Yamashita, K. *with others*. Cervical radiculopathy or myelopathy secondary to athetoid cerebral palsy, **69A**, *815 *with others*. Myelopathy hand: new clinical signs of cervical cord damage, **69B**, *215, 511(*corrigendum*)
Yamauchi, S. *with others*. Free vascularized fibular transplant: a new method for monitoring circulation of the grafted fibula, **65A**, *1295
with others. Peroneal island flap for skin defects in the lower extremity, **67A**, *935
Yamauchi, Y. *with* **Tanabu, S.** *and* **Fukushima, M.** Hypoplasia of the trochlea of the humerus as a cause of ulnar-nerve palsy: report of two cases, **67A**, *151
Yamaura, I. *with others*. Paraplegia as a complication of corticosteroid therapy: a case report, **66A**, *783
Yandow, D.R. *with others*. Ultrasound imaging as a screening study for malignant soft-tissue tumors, **69A**, *100
Yaremchuk, M.J. *with* **May, J.M.** Bone scintigraphy in evaluating the viability of composite bone grafts revascularized by microvascular anastomoses, conventional autogenous bone grafts, and free non-periosteal grafts, **65A**, 279(*correspondence*)
with others. Histological characteristics of acute rejection in vascularized allografts of bone, **69A**, *410
Yaru, N.C. *with others*. Ankle and knee position as a factor modifying intracompartmental pressure in the human leg, **66A**, *1415
Yasuma, T. *with others*. Histological development of intervertebral disc herniation, **68A**, *1066
Yasunaga, Y. *with others*. Arthroplasty of the elbow: twenty years' experience of a new approach, **69B**, *116
Yates, A.J.P. *with others*. Aminohexane diphosphonate for the treatment of Paget's disease of bone, **68B**, 161
Yates, D.A.H. *Book reviews*, **66B**, 621
Yates, R. *with* **Foster, B.K.** *and* **Rozenbilds, M.** A pilot study of the growth potential of the physis in a sheep tibia model, **66B**, 777
with **Foster, B.K.** *and* **Rozenbilds, M.A.N.** Further results of distraction physeolysis in a sheep tibia model, **68B**, 333
Ydens, L.R. *with others*. Isokinetic muscle imbalance and knee-joint injuries: a prospective blind study, **66A**, *734
Yeates, M. *with* **Courtenay, B.** *and* **Claffey, T.J.** Bone scanning of fresh femoral neck fractures, **65B**, 666
Yelton, C. *with* **Low, W.** Iatrogenic subtrochanteric fracture: a complication of Zickel nails, **68A**, *1237
Yeo, J.D. *with others*. Prognosis of conus lesions due to fractures and fracture dislocations of the lumbar spine, **65B**, 670
Yeoman, P.M. *Book reviews*, **67B**, 344
A computerised study of high femoral fractures: initial results, **67B**, 146(*discussion*)
Analysis of 82 thoracic-outlet explorations, **65B**, 218(*discussion*)
Configuration of the laminae and the facet joints of the lumbar spine and their clinical significance in degenerative spondylolisthesis, **67B**, 500(*discussion*)
Functional bracing: an alternative treatment for peri-articular fractures of the proximal tibia, **67B**, 145(*discussion*)
Inflammatory lesions of the anterior annulus in low back pain syndrome, **67B**, 501(*discussion*)
Yeoman, P.M., (*continued*)
Neurofibromatosis and scoliosis, **67B**, 500(*discussion*)
Os calcis pin traction and the subtalar joint, **67B**, 146(*discussion*)
Osteoid osteoma and osteoblastoma of the spine, **66B**, 277(*discussion*)
Pectoralis major transfer for paralysis of elbow flexion in children, **68B**, 156(*discussion*)
The prediction of non-union in tibial fractures using quantitative bone-scanning and fracture shift, **67B**,146(*discussion*)
Tibial fracture-healing patterns seen when using external skeletal fixation, **67B**, 146(*discussion*)
Tibial osteotomy: factors affecting the long-term outcome, **68B**, 160(*discussion*)
Treatment of the "acute locked back" by spinal manipulation, **67B**, 500(*discussion*)
with **May, P.C.** Hip arthroplasty in ankylosing spondylitis, **68B**, 669
Yngve, D.A. *with others*. Segmental spinal instrumentation with sublaminar wires: a critical appraisal, **69A**, *851
Yocum, L. *with others*. Surgical treatment of tears of the rotator cuff in athletes, **68A**, *887
Yocum, L.A. *with others*. The coracoid transfer for recurrent anterior instability of the shoulder in adolescents, **67A**, *383
Yoneda, B. *with* **Carroll, N.C.** One-stage surgical management of resistant clubfoot, **66B**, 302
Yonenobu, K. *with others*. Cervical diastematomyelia with a stable neurological deficit: report of a case, **68A**, *934
with others. Cervical radiculopathy or myelopathy secondary to athetoid cerebral palsy, **69A**, *815 *with others*. Myelopathy hand: new clinical signs of cervical cord damage, **69B**, *215, 511(*corrigendum*)
with others. Duplication of the thumb: a retrospective review of two hundred and thirty-seven cases, **65A**, *584
Yong-Hing, K. *with* **Howlett, E.** *and* **Owen, J.** Child-operated motorcycle accidents: pattern, severity and sequelae of injuries, **68B**, 854
with **Tchang, S.P.K.** Traumatic radio-ulnar synostosis treated by excision and a free fat transplant: a report of two cases, **65B**, *433
with others. A reappraisal of the Ring metal-on-metal total hip prosthesis: an argument for a stemmed acetabular component design, **67B**, 331
with others. Radiological evaluation of lumbar instability with regard to the predominant lesion concept, **66B**, 298
Yoon, Y.S. *with others*. Nuclear magnetic resonance imaging in Legg–Calvé–Perthes disease, **66A**, *1357
with others. Nuclear magnetic resonance studies of Legg–Calvé–Perthes disease, **67B**, 333
Yoshida, K. *with others*. Locking of the metacarpophalangeal joint of the thumb, **67A**, *782
Yoshimura, M. *with others*. Free vascularized fibular transplant: a new method for monitoring circulation of the grafted fibula, **65A**, *1295
with others. Peroneal island flap for skin defects in the lower extremity, **67A**, *935
Yoshioka, Y. *with* **Siu, D.** *and* **Cooke, T.D.V.** The anatomy and functional axes of the femur, **69A**, *873
Yoshizawa, H. *with* **Kudo, H.** *and* **Iwano, K.** Cervical cord compression due to extradural granulation tissue in rheumatoid arthritis, **66B**, *426
Yoshizumi, A. *with others*. Configuration of the laminae and the facet joints of the lumbar spine and their clinical significance in degenerative spondylolisthesis, **67B**, 499
Yosipovitch, Z. *with* **Goldberg, I.** *and* **Bahar, A.** Late results after correction of hallux valgus deformity by basilar phalangeal osteotomy, **69A**, *64, 950(*correspondence*)
with **Goldberg, I.** *and* **Peylan, J.** Late results of excision of the radial head for an isolated closed fracture, **68A**, *675
with others. Fractures in children who have Gaucher disease, **69A**, *1361
Youel, L. *with others*. Skeletal suspension in the management of severe burns in children: a sixteen-year experience, **68A**, *1375
Young, C. *with* **Hastings, D.E.** *and* **Schatzker, J.** Acetabular reinforcement in total hip replacement, **67B**,331
Young, D.A. "Y": another external fixateur, **65B**, 97
Young, D.C. *with others*. Late esophageal perforation from an autogenous bone graft: report of a case, **67A**, *644
Young, D.G. *with* **Conner, A.N.** *and* **Hide, T.A.** Occult intraspinal anomalies and congenital scoliosis, **66A**, 1319(*correspondence*)
Young, L.V. *with others*. Post-traumatic palmar carpal subluxation: report of two cases, **65A**, *998
Young, S. *with* **Gibson, P.H.** Disengagement and intrapelvic protrusion of the screw from a sliding screw-plate device: a case report, **66A**, 472(*correspondence*)
Young, S.K. *with others*. Mechanical interactions between the muscles and the cruciate ligaments in the human knee, **67B**, 318
Young, T.B. *with* **Wallace, W.A.** Conservative treatment of fractures and fracture-dislocations of the upper end of the humerus, **67B**, *373
Younkin, S. *with* **Evarts, C.M.** *and* **Steigbigel, R.T.** *Candida parapsilosis* infection of a total hip-joint replacement: successful reimplantation after treatment with amphotericin B and 5-fluorocytosine: a case report, **66A**, *142
Youssef, A.A-S. Revision of infected hip arthroplasty, **65B**, 225(*discussion*)

* Indicates full article or appreciable part

Youssef, A.A.-S. A club foot philosophy, **67B**, 490(*discussion*)
A comparison of operative and conservative treatment for unstable trochanteric fractures, **67B**, 495(*discussion*)
Complications of displaced fractures (Type II Neer) of the outer end of the clavicle, **67B**, 493(*discussion*)
Derotation osteotomy in the management of congenital dislocation of the hip, **67B**, 492(*discussion*)
Injection-induced contractures of the quadriceps in childhood: a comparison of proximal release and distal quadricepsplasty, **67B**, 490(*discussion*)
Yu, E. *with others*. The natural history of scaphoid non-union, **66A**, *504
Yu, W. *with others*. Closed reduction for fracture and fracture-dislocation of the thoracolumbar spine, **69B**, 510
with **Siu, C.** Is a Chance fracture of the lumbar spine a stable fracture?, **69B**, 510
Yuan, H.A. *with* **McAfee, P.C.** *and* **Bohlman, H.H.** Anterior decompression of traumatic thoracolumbar fractures with incomplete neurological deficit using a retroperitoneal approach, **67A**, *89
with others. The natural history of spondylolysis and spondylolisthesis, **66A**, *699
with others. The value of computed tomography in thoracolumbar fractures: an analysis of one hundred consecutive cases and a new classification, **65A**, *461
Yue, D.W. *with others*. Mineral parameters in early fracture repair, **66A**, *1289
Yuen, W.W.H. *with* **Saw, D.** Malignant fibrous histiocytoma of bone, **67A**, *482

Z

Zaaiman, I.M. Knee ligament injuries, **66B**, 450(*discussion*)
Zackai, E. *with others*. Metatrophic dwarfism: uncoupling of endochondral and perichondral growth, **69A**, *174
Zaizov, R. *with others*. Fractures in children who have Gaucher disease, **69A**, *1361
Zaleske, D.J. *with others*. Association of sciatica-like pain and Addison's disease: a case report, **66A**, *297
with others. Vascular events associated with the appearance of the secondary center of ossification in the murine distal femoral epiphysis, **69A**, *185
Zaleski, M.S. *with others*. Fine-needle aspiration biopsy of bone, **65A**, *522
Zaleski, R.J. *with* **Schwentker, E.P.** *and* **Skinner, S.R.** Medial knee instability complicating the Pavlik-harness treatment of congenital hip subluxation: case report, **65A**, *678
Zalutsky, M.R. *with others*. Synovectomy of the rheumatoid knee using intra-articular injection of dysprosium-165-ferric hydroxide macroaggregates, **69A**, *970
Zarins, B. *Book reviews*, **65A**, 142, 717, 1037; **68A**, 958
Book reviews, **69A**, 1118, 958
with **Rowe, C.R.** *and* **Ciullo, J.V.** Recurrent anterior dislocation of the shoulder after surgical repair: apparent causes of failure and treatment, **66A**, *159
with **Rowe, C.R.** Combined anterior cruciate-ligament reconstruction using semitendinosus tendon and iliotibial tract, **68A**, *160, 952(*correspondence*)
with others. Effect of patellectomy on the function of the quadriceps and hamstrings, **65A**, *390
with others. Irrigating solutions for arthroscopy: a metabolic study, **65A**, *629
Zarro, V.J. *with others*. Quantitative gait analysis after unilateral or bilateral total knee replacement, **69A**, *1340
Zarzosa-Perez de Buzo, A. *with others*. Heel strike impulses in three dimensions: induced shear within the knee joint, **67B**, 319
Zdeblick, T.A. *with* **Shaffer, J.W.** *and* **Field, G.A.** The use of urokinase in ischemic replanted extremities in rats, **69A**, *442
Zehnder, R. *with others*. The lower-extremity musculature in chronic symptomatic instability of the anterior cruciate ligament, **67A**, *1034
Zelko, R.R. *with others*. Fractures of the base of the fifth metatarsal distal to the tuberosity: classification and guidelines for non-surgical and surgical management, **66A**, *209
Zemel, L. *with others*. Chronic arthritis of the knee in Lyme disease: review of the literature and report of two cases treated by synovectomy, **68A**, *1057
Zemel, N.P. *with others*. Operative treatment of intra-articular fractures of the dorsal aspect of the distal phalanx of digits, **69A**, *892
with others. Treatment of selected patients with an ununited fracture of the proximal part of the scaphoid by excision of the fragment and insertion of a carved silicone-rubber spacer, **66A**, *510; **67A**, 345(*correspondence*)
Zenni, E.J., Jr. *with others*. Intramedullary fixation of humeral shaft fractures, **66A**, *639
Zernicke, R.F. *with others*. Biomechanical analysis of human ligament grafts used in knee-ligament repairs and reconstructions, **66A**, *344
Zhaoxu, X. Traditional Chinese medicine in orthopaedics, **65B**, 675
Zickel, R.E. Frederick Roeck Thompson, **65A**, 873(*obituary*)
with **Hobeika, P.** *and* **Ferrer, J.E.** The use of flexion in the reduction and fixation of slipped capital femoral epiphysis: a case report, **68A**, * 299
Zieg, D. *with* **Torode, I.** Pelvic fractures in children, **68B**, 332
Zielinski, C.J. Core decompression of the femoral head for osteonecrosis, **69A**, 1107(*correspondence*)
Irreducible fracture-dislocation of the distal interphalangeal joint: a case report, **65A**, *109
Zigler, J.E. *with others*. Pyogenic osteomyelitis of the occiput, the atlas, and the axis: a report of five cases, **69A**, *1069
Zika, J.M. *with others*. Immune responses of rats to frozen bone allografts, **65A**, *239
with others. Improved acceptance of frozen bone allografts in genetically mismatched dogs by immunosuppression, **66A**, *937
with others. The effect of histocompatibility matching on canine frozen bone allografts, **65A**, *89
Zimbler, S. *with* **Merkow, S.** Genu recurvatum: a possible complication after Osgood-Schlatter disease: case report, **66A**, *1129
Zimmerman, K.W. *with* **Klasen, H.J.** Mechanical failure of intramedullary nails after fracture union, **65B**, *274
Zimmerman, N.B. *with others*. The malignant potential of enchondromatosis, **69A**, *269
Zimny, M.L. *with others*. Neural anatomy of the human anterior cruciate ligament, **69A**, *243
Zindrick, M. *with* **Trotter, D.** *and* **Ibrahim, K.** An unusual presentation of an osteochondroma: report of a case, **66A**, *299
Zinman, H. *with others*. Idiopathic transient osteoporosis of the hip, **69B**, *769
Zionts, L.E. *with* **MacEwen, G.D.** Spontaneous improvement of post-traumatic tibia valga, **68A**, *680
with **MacEwen, G.D.** Treatment of congenital dislocation of the hip in children between the ages of one and three years, **68A**, *829
with others. Congenital annular bands in identical twins: a case report, **66A**, *450
with others. Deep-vein thrombosis in children following trauma: a report of two cases, **65A**, *839
Ziv, I. *with* **Rang, M.** *and* **Hoffman, H.J.** Paraplegia in osteogenesis imperfecta, **65B**, *184
with **Rang, M.** Treatment of femoral fracture in the child with head injury, **65B**, *276
with others. Spondylosis in the upper lumbar spine: a study of 32 patients, **69B**, *582
Ziv, N. *with others*. Fractures in children who have Gaucher disease, **69A**, *1361
Zoellner, G.B. *with others*. Treatment of knee joint instability secondary to rupture of the posterior cruciate ligament: report of a new procedure, **65A**, *310
Zollinger, H. *with* **Schreiber, A.** *and* **Differding, P.** Talus partitus: a case report, **67B**, *430
Zoma, A. *with others*. Surgical stabilisation of the rheumatoid cervical spine: indications and results, **68B**, 848
with others. Surgical stabilisation of the rheumatoid cervical spine: a review of indications and results, **69B**, *8
Zorn, M. *with others*. Cauda equina syndrome and lumbar disc herniation, **66B**, 298
Zoubopoulos, H. *with others*. Conservative treatment of congenital dislocation of the hip in infants aged two to eight months, **67B**, 491
Zucchi, V. *with others*. Giant-cell tumor of bone in skeletally immature patients, **65A**, *486
Zuckerman, J.D. *with* **Matsen, F.A., III** Complications about the glenohumeral joint related to the use of screws and staples, **66A**, *175
with others. Synovectomy of the rheumatoid knee using intra-articular injection of dysprosium-165-ferric hydroxide macroaggregates, **69A**, *970 *with others*. Threaded non-cemented acetabular components in difficult hip arthroplasties, **69B**, 508
Zuckier, L.S. *with* **Freeman, L.** *Book reviews*, **67A**, 509
with **Freeman, L.M.** *Book reviews*, **69A**, 637
Zuelzer, W. *with others*. Dynamic musculotendinous transfer to replace the anterior cruciate ligament in the dog, **65B**, *650
Zuker, R.M. *with others*. Reconstruction of the leg by vascularised osteocutaneous grafts, **66B**, 296
Zych, G.A. *with* **Ballard, A.** Congenital band causing pseudarthrosis and impending gangrene of the leg: a case report with successful treatment, **65A**, *410

SUBJECT INDEX

A

ABC Travelling Fellowships
visits of British Fellows to North America, **65B**, 513; **67B**, 666
visit of North American Fellows to Britain, **65A**, 1195
visit of North American Fellows to Britain and Australasia, **67A**, *1444
visit of North American Fellows to South Africa, **65A**, 1195
Abdomen, injuries, low-velocity missile, associated with infection about spine, **67A**, *1195
Abductor hallucis, accessory, causing entrapment of posterior tibial nerve, **69B**, *479(*brief report*)
Abscesses
formation of, effect of surgical glove powder in decreasing inoculum of bacteria required for, **65B**, 664
retrofascial, **65A**, *1041
retroperitoneal, **65A**, *1041
Accident(s)
see also Burns; Fractures; Injuries; Trauma; Wounds; *and* under structures involved
traffic
– All-Terrain vehicle injuries in children, **68B**, 855
– biomechanical aspects of femoral fractures, **67B**, 494
– blood alcohol limit, **66B**, 783
– child-operated motorcycle, **68B**, 854; **69B**, 489, 499
– femoral fractures, **66B**, 615, 783
– – biomechanical aspects, **68B**, *760
– motor-cyclists, **66B**, 783
– motor-vehicle occupants, **66B**, 783
– neck injuries due to rear-end vehicle collisions, prognosis of, **65B**, *608
– prospective computer analysis, **66B**, 783
– seat belt injuries, anterolateral wedge compression fracture of thoraco lumbar spine, **69B**, 510
train, orthopaedic morbidity, **69B**, 681
Ace–Fischer apparatus, in knee arthrodesis, **69A**, *39
Acetabuloplasty, tectoplasty, for painful dislocation or subluxation of hip, **68B**, *55
Acetabulum
see also Hip; Protrusio acetabuli
abnormal, Ring uncemented polyethylene cup in, **69B**, *756
allograft reconstruction, during revision total hip arthroplasty, **68A**, *527
bone destruction, related to non-steroidal anti-inflammatory drugs, **69B**, 508
cup, anteversion, measurement of angle after total hip replacement, **68B**, *409
cyst, **68B**, *400
deficient
– augmentation by femoral head autografting, in total hip replacement, **68A**, *1241
– rebuilding in total hip arthroplasty, **67B**, 676
dysplasia, **66B**, 469, 479; **68B**, *400, *653(*brief report*)
– *see also* Hip dysplasia
– after selective premature fusion of triradiate cartilage, **66B**, *331
– associated with habitual side-lying, **67B**, *25
– primary, management of, **67B**, *25
– surveillance programme, **69B**, 498
– treatment
– – Chiari pelvic osteotomy, **69B**, 156
– – combination pelvic osteotomy in children, **67A**, *842
– – innominate osteotomy, **69B**, 850
– – tectoplasty, **68B**, *55
erosion, prevention after hemiarthroplasty, **65B**, 219, *548
false, **66B**, 472
fixation, with removal of subchondral bone, **69B**, 156
fractures
– classification, management protocol, and results of treatment, **67B**, 324
– displaced central, late results of treatment, **67B**, 676; **69B**, 166
– of posterior rim, **69B**, 167
– standardisation of surgical approaches, **66B**, 295
– treatment, open reduction and internal fixation, osteotomy of trochanter, **69A**, *711
– with ipsilateral femoral neck fracture and intrapelvic femoral head dislocation, **69A**, *612
labrum
– disruption, **68B**, *398
– torn, **68B**, *400
osteotomy, rotational, for dysplastic hip, **66A**, *430
protrusio acetabuli, *see* Protrusio acetabuli
reconstruction, **69B**, 155
rotational dysplasia, **66B**, 470
socket fixing, cement pressurisation, **66B**, 788
Acetabulum (*continued*):
triradiate cartilage, selective premature fusion, acetabular dysplasia and hip dislocation after, **66B**, *334
uncemented replacement, **68B**, 669
vesico-acetabular fistula, **69B**, *150(*brief report*)
Acetylsalicylic acid, *see* Aspirin
Achilles tendon
hemitransplantation, in children with spinal neurological disorders, **68B**, *767
microvascular anatomy, **69B**, 679
reconstruction, delayed, **67B**, 674; **68B**, *121
repaired, mobilisation of, **68B**, 678
rupture, **68B**, *121
– acute, gastrosoleal flap reinforcement, **66B**, 781
– complete, needle test for, **66A**, *1099
– early and late management, **69B**, *416
– following steroid injection, **65A**, *1345; **67A**, 170(*correspondence*)
– treatment
– – by external fixation, **65B**, 657; **67B**, *449
– – conservative v. surgical, **65A**, 284
– – late repair with carbon fibre, **66B**, 157, *206
stretch reflex and paratenon, **67B**, 508
surgical lengthening, in equinus contractures in children, **68B**, 855
Achondroplasia
limb lengthening in, **68B**, *550
study of, molecular genetic techniques, **68B**, 495
Aclasis, *see* Diaphysial aclasis
Acrometastases, **68A**, *743
Acromioclavicular joint
dislocation, **69A**, *1045
– conservative treatment, **69B**, *719
– surgery for, **69B**, *715
– treatment, **66B**, 304
– – conservative or surgical, **68A**, *552, 1128(*correspondence*)
– – operative repair, **66B**, 789
– – prospective study, **66B**, 279
– – repair using absorbable suture, **66B**, 789
in chronic shoulder impingement syndromes, **67B**, 161
injuries, treatment, conservative, **69B**, 490
ligamentous system, biomechanical study, **68A**, *434
subluxation, conservative treatment, **69B**, *719
traumatic "pseudodislocation" in children, **69B**, 507
Acromion, stress fractures, associated with cuff-tear arthropathy, **68A**, *937;
Acromioplasty
anterior, for impingement syndrome with intact rotator cuff, **67B**, 327
in treatment of rotator cuff tears, **68A**, *1142
Acro-osteolysis
see also under Osteolysis
idiopathic multicentric osteolysis with, **67B**, *86
Acrylics
see also Bone cement; Methylmethacrylate
bone cement, *see* Bone cement, acrylic
cement-bone interface, ultrastructural aspects of, **65B**, *646
centrifugation for improving tensile and fatigue properties, **66A**, *1265
femoral cement compactor, **65A**, *1335
fracture properties, effect of centrifugation, **68A**, *281, 1125(*correspondence*)
impregnation with antibiotics, **66B**, 646, 784
– effects of varying dosage, **66B**, *175
in joint replacement
– bone–cement interface, radiolucent lines beneath tibial components of Oxford meniscal knee, **66B**, *523
– of hip, complications, bone cement within pelvis, **66B**, *41
– poor performance of, **66B**, 447
in total joint arthroplasty, **68A**, *1297(*current concepts review*)
methylmethacrylate, *see* Methylmethacrylate
polymethylmethacrylate beads impregnated with antibiotics, **66B**, 784
pressurisation in acetabular socket fixation, **66B**, 788
tibiocalcaneal stabilisation using reinforced acrylic cement as substitute for talus, **66A**, *788
volumetric changes during polymerisation, **65B**, 367
AIDS
cauda equina and lumbar nerve root compression in, **69B**, *36
orthopaedic presentation, **69B**, *672(*brief report*)
Adamantinoma
metastasis sixteen years after knee disarticulation, **68A**, *772
of tibia, treatment, wide resection and allograft, **69A**, *1177
unusual localisation in fibula, **68A**, *293
Adams, John Crawford, and the *Journal*, **68B**, 1
Addison's disease, associated with sciatica-like pain, **66A**, *297
Adelaide splint, in management of congenital hip dislocation, **68B**, 156

* Indicates full article or appreciable part

Adrenocortical steroids, *see* Steroids
Adriamycin
see also Doxorubicin
binding by osteosarcoma cells, assessment by flow cytometry, **67B**, 320
effect on repair of segmental cortical autografts (in dogs), **65A**, *103
Aerobic conditioning exercises, for improved cardiovascular fitness, in lower-limb amputees, **69A**, *914
Air, ultra-clean, **65B**, 375(*annotation*); **69B**, 518(*annotation*)
Akin procedure, **69B**, 679
Akron dome osteotomy, in treatment of rigid pes cavus, **67B**, 334
Albright's syndrome, with soft-tissue myxoma and hypophosphataemic osteomalacia, **65B**, **621**
Albumin, volume of distribution in normal and infected bone, **68B**, 841
Alcohol abuse
bone changes after, **67B**, 506; **68B**, 495
in orthopaedic patients' **66B**, 615; **67B**' *47$_8$
Algodystrophy
see also Reflex sympathetic dystrophy
incidence, **68B**, 497
Alkaline phosphatase
distribution of activity in experimentally produced callus, **68B**, *629
raised, in elderly patients with femoral neck fractures, **69B**, *765
Allografts *see under* Bone grafting
Alloy couples, corrosion of, **65A**, *1125
Aluminium, deposition in bone, associated with osteomalacia, **65A**, *843
Aluminium oxide, ceramic wear particles, biocompatibility, **69B**, 165
Alveolar soft-part sarcoma, **65A**, *841
Ameloblastoma, *see* Adamantinoma
American Academy of Orthopaedic Surgeons
fiftieth anniversary, **65A**, 1039, 1040
first vice-presidential addresses, **65A**, *862; **66A**, *800; **67A**, *1298; **68A**, *1116; **69A**, *479
role in resource allocation and needs of orthopaedic surgeons, **68A**, *479
American Orthopaedic Association
Centennial, **69A**, 1119; **69B**, 345(*annotation*)
presidential addresses, **65A**, *1190; **66A**, *1139; **67A**, *1298; **68A**, *1116; **69A**, *1291
Amino acids, profile changes during stress, **68A**, *785(*current concepts review*)
Aminoglycosides, in treatment of childhood skeletal infections, **66A**, *1489(*current concepts review*)
Aminohexane diphosphonate, in treatment of Paget's disease, **68B**, 161
Amniotic bands, *see* Annular constriction bands, congenital
Amphetamines, in treatment of pain, **67A**, *340(*current* concepts review)
Amphotericin B, in treatment of infected total hip replacement, **66A**, *142
Amputation(s)
see also Amputees
at middle level of foot, **68A**, *1061; **69A**, 791(*correspondence*)
experimental, effect of fluorocarbon perfusion upon preservation of amputated limbs, **67B**, *473
for malignancy, survival after, **65B**, 519
hindquarter, avoidability in malignant cartilage-cell tumours of pelvis, **68B**, 671
lower limb
– above-knee, energy cost during gait after, **67A**, *606
– aerobic training exercises, **69A**, *914
– below knee
– – early ambulation using pylon, **67B**, 335
– – reconstruction of stump, **69A**, *1240
– bilateral, ambulation levels, **65A**, *599
– for ischaemia, prophylactic antibiotics, **67A**, *800; **68A**, 950(*correspondence*)
– for vascular disease
– – Doppler-determined segmental pressures, **65A**, *363
– – wound-healing, **65A**, *363
– in treatment of osteosarcoma of distal end of femur, **68A**, *1331
– transcutaneous oxygen levels and stump healing, **66B**, 290
– wound healing, transcutaneous oxygen measurement, **68B**, *423
replantation, thirteen-year experience, **68B**, 678
secondary to knee dislocation, **66B**, 609
stumps, revision, wedge resection for, **69B**, *306
Syme's, **68A**, *573
– evaluation of physical and psychological function in young patients, **68A**, *573
– for leg-length discrepancy, **67B**, 150
– – in children, **69B**, *433
– in congenital pseudarthrosis of tibia, **65A**, *533
traumatic, of foot, partial, long-term follow-up, **69B**, 503
upper limb
– electrically powered prostheses, for adults, **67B**, *278
– myoelectric prostheses, training methods, for children, **67B**, *273
– prosthetic development, **69B**, 493
wound healing after, importance of nutritional status in prediction of, **66A**, *71
Amputees
see also Amputations
children, prosthetic management, **65B**, 521
Amputees (*continued*):
juvenile, patellar instability in, **69B**, 506
upper limb, rehabilitation, **66B**, 459
Amyloidosis, orthopaedic manifestations, **67B**, 328
Amyotrophy
diabetic, **67A**, *1132
neuralgic, **69B**, *195
Anaesthesia
epidural, masking compartment syndrome, **68A**, *1447
induced moderate hypotensive, for spinal fusion and Harrington-rod instrumentation, **67A**, *1384
local, surgeon-administered, for forefoot surgery, **69B**, 503
regional, intravenous lidocaine in lower limb, **66A**, *1056; **67A**, 664(*correspondence*)
subarachnoid compared with general, with respect to stress response in prosthetic replacement of femur, **65B**, 660
Anaphylactic reactions, following intradiscal injection of chymopapain under local anaesthesia, **65A**, *1215
Anaphylatoxins, released in association with methylmethacrylate fixation of hip prostheses, **69A**, *46
Anastomosis, microvascular
in dogs, free epiphysial transfer with, **65B**, *493
in iliac grafts to forearm, **69A**, *1319
Anatomic Total Knee, **65B**, 98
Anconeus muscle, function of, **65A**, 1031(*correspondence*)
Anderson, Roger, external fixator, in treatment of unstable fractures of distal radius, **67B**, *385
Aneurysms
see also Pseudoaneurysms
after arthroscopy, **69B**, 151(*brief report*)
false, in Charcot hip, **68A**, *462
of external iliac artery, after total hip arthroplasty, **65B**, *359
Animals, wild, fractures in, **69B**, 496
Ankle
see also Foot; Talus
amputation through, *see* Syme's amputation
arthrodesis, **67B**, 785
– a simple technique, **68B**, *266
– chevron fusion with internal fixation and bone-grafting, **65A**, *833
– compression, **65A**, *219; **67A**, *550
– five year follow-up, **67B**, 326
– optimum position, gait study, **69A**, *1052
arthroplasty
– total replacement, **67B**, *689(*editorial*), *785
– – Bath and Wessex prosthesis, **69B**, 153
– – ICLH prosthesis, **66B**, 773
– – in rheumatoid arthritis, **66A**, *340
– – Mayo prosthesis, **65B**, 520
arthroscopy, **66B**, 613
ball and socket
– and related lower limb malformations, **65A**, 421(*correspondence*)
– genesis of, **68B**, *834
bimalleolar fracture, loss of medial malleolus in, **65A**, *1184
cast brace, fixed versus hinged, in tibial shaft fractures, **69B**, 153
congenital diastasis, **66A**, *453
deformities
– equinus
– – in Duchenne muscular dystrophy, **69B**, 684
– – management in Duchenne muscular dystrophy, **66B**, *546
disability, after tibial shaft fracture treated by internal fixation, **65B**, *326
dislocation, posteromedial, without fracture, **69A**, *706
fracture-dislocations
– laterally comminuted, **69A**, *881
– management of deltoid ligament disruption, **69B**, 504
– percutaneous surgery, **66B**, 778
– surgical technique, **69A**, *881
fractures
– adolescent, **68B**, 506
– bimalleolar, instability of distal tibiofibular syndesmosis after, **66A**, *490, 1319(*correspondence*)
– closed, rupture of posterior tibial tendon, **67A**, *493
– desirability of operating, **66B**, 144
– displaced
– – in patients over 50 years of age, **65B**, *329
– – quantitative criteria for prediction of results after, **65A**, *667
– gait analysis in assessment of, **65B**, 366
– growth disturbances after, changes in tibiofibular relationships due to, **66A**, *1198
– involving tibial plafond, **68A**, *543
– open, immediate internal fixation, **66A**, *1349
– posterior tibial tendon rupture associated with, **65A**, *260
– rotation-abduction, displaced external, operative treatment, **67A**, *1066; **68A**, 633(*correspondence*), 953(*correspondence*)
– severe, management, prospective randomised study, **67A**, *67, 1303(*correspondence*), 1304(*correspondence*)
– stress studies, **68B**, 844

* Indicates full article or appreciable part

Ankle
fractures (*continued*):
– treatment
– – delayed, open reduction and internal fixation, **68B**, 850
– – operative compared with manipulative, **68B**, *610
– trimalleolar, instability of distal tibiofibular syndesmosis after, **66A**, *490, 1319(*correspondence*)
injuries
– lateral ligament, **66B**, 780
– – acute rupture, **66B**, *209
instability
– chronic
– – dynamic tendon transfer, **68B**, 332
– – Watson-Jones tenodesis, long-term results, **66B**, *371
– following postermedial dislocation, **69A**, *706
– lateral, reconstruction for, **66A**, *336
joint laxity, contribution of anterior talofibular ligament to, **65A**, *81
ligaments
– lateral
– – reconstruction
– – – Chrisman-Snook operation, long-term results, **67A**, *1, 1304(*correspondence*)
– – – using plantaris tendon, **67A**, *930
– – rupture
– – – acute, **67B**, 145
– – – review of primary surgical repair, **67B**, 145
malleolus, *see* Malleolus
osteochondritis dissecans, **69B**, *93
pain, due to talus partitus, **67B**, *430
pigmented villonodular synovitis, **66A**, 92
position, as factor modifying intracompartmental pressure in leg, **66A**, *1415; **67A**, 824(*correspondence*)
reconstruction, Gruca technique, **69B**, *587
stability, following division of lateral collateral ligament, **68B**, 844
surgery in childhood, Cincinnati incision for, **66A**, 313(*correspondence*)
valgus deformity
– in children with spina bifida aperta, **66B**, *381
– in myelodysplastic patients, **65A**, *1157
AO dynamic hip screw, **65B**, 218
Ankylosing spondylitis, *see* Spondylitis, ankylosing
Annular constriction bands, congenital
causing pseudarthrosis and impending gangrene of leg, **65A**, *410
in identical twins, **66A**, *450
Anisomelia, *see* Limbs, lower, length discrepancy
Antebrachial cutaneous nerve, lateral, in grafting defects of digital nerve, **66A**, *1375
Antianxiety drugs, in treatment of pain, **67A**, *340(*current concepts review*)
Antibiotics
cephalosporins, *see* Cephalosporins
depot administration in prevention and treatment of sepsis (in dogs), **65A**, *371
effect on cartilage destruction in experimental infectious arthritis, **69A**, *1063
in open fractures, prospective randomised double-blind study, **68B**, 850
in treatment of acute haematogenous osteomyelitis, **66B**, 145
in treatment of childhood skeletal infections, **66A**, *1487(*current concepts review*)
incorporation in bone cement, **66B**, 646, 784
– *see also under* Bone cement
– effects of vaying dosage, **66B**, *175
intravenous therapy, use of Broviac central venous catheter, **67A**, *1108
intravenous, in treatment of osteomyelitis, long-term versus short-term results, **69B**, 506
mechanism of diffusion through acrylic bone cements, **69B**, 497
penetration into intervertebral disc, **69B**, *784
prophylactic, **66B**, 646
– cefuroxime in knee arthroplasty, **69B**, *787
– in amputation of lower extremity for ischaemia, **67A**, *800; **68A**, 950(*correspondence*)
– timing of, **69B**, *787
Anti-HLA antibodies, donor specific, in recipients of freeze-dried allografts, **66A**, *107
Anti-inflammatory drugs, non-steroidal, acetabular bone destruction related to, **69B**, 508
Anticoagulant therapy, *see under* Thromboembolic disease
Antidepressant drugs, in treatment of pain, **67A**, 8(*current concepts review*)
Antidiuretic hormone secretion, inappropriate, following spinal fusion, **68A**, *720
Antiglide plates, in distal fibular fixation, **69A**, *596
Antimicrobial therapy, of childhood skeletal infections, **66A**, *1487(*current concepts review*)
Antimony colloid, technetium labelled, scan predicting post-traumatic avascular necrosis of femoral head, **65A**, 135(*correspondence*)
Antineoplastic drugs, release from bone cement, **67B**, 845
Antipsychotic drugs, in treatment of pain, **67A**, *337(*current concepts review*)
AO techniques
arthrodesis, in hand, **66B**, 296
cancellous screws, for internal fixation of subcapital femoral fracture, **68B**, 666
in fixation of tibial shaft fractures, **67B**, 325
nailing, **67B**, 494
plating
– femoral shaft fractures, **67B**, 504
– humeral shaft fractures, **68A**, *430
Apley, Alan Graham
elected to Honorary Fellowship of British Orthopaedic Association, **68B**, 658
elected Vice-President of Royal College of Surgeons of England, **66B**, 791
new editor of British volume of the *Journal*, **65B**, 233
Apophyses, *see under individual bones*
Apotrinin, for chemonucleolysis, **67B**, 335
Appendicular skeleton, Burkitt's lymphoma in, **65B**, *464
Arachnodactyly, congenital contractural, operation for knee contracture, **67B**, *44
Arachnoiditis, CT scanning in evaluation, **69A**, *218
Arcuate complex, and knee stability, **69A**, *233
Arm, *see* Limbs, upper; *see also* Forearm
Arnold, William D., **67A**, 1145(*obituary*)
Arteparon, effect on articular cartilage proteoglycans, **69B**, 165
Arterial embolisation, therapeutic, *see* Embolisation, therapeutic
Arteries
see also Vascular; *and under individual arteries*
laceration by intertrochanteric fracture fragment, **69A**, *781
Arteriographic embolisation, in total hip arthroplasty revision, for excessive blood loss, **65A**, *848
Arteriovenous shunt, intra-osseous, in long bones during exercise conditions, **67B**, 319
Arthralgia, patellofemoral, thermographic diagnosis in athletes, **68B**, *42
Arthritis
see also Arthropathy; Arthroplasty; Synovitis
articular surfaces, repair by allografts of articular and epiphysial cartilage, **67B**, 317
caused by *Clostridium septicum*, **68A**, *465
chronic juvenile, *see* Arthritis, juvenile chronic
degenerative, *see* Osteoarthritis
experimental infectious, effect of antibiotics on cartilage destruction, **69A**, *1063
haemophilic, total knee arthroplasty in, **65B**, *163
herpetic, acute monoarticular, **66A**, *623
juvenile
– adolescent hip problems in, **69B**, 850
– chronic
– – *see also* Rheumatoid arthritis, juvenile
– – ectopic ossification following total hip replacement, **65A**, *812
– – management of, **65B**, *536(*review article*)
– – soft-tissue release of hips, **68B**, *404
– – synovectomy of knee, **68B**, *223
– – total hip replacement, **68B**, *218
– – scoliosis in, **69B**, *175
– – treatment, total hip replacement, **66B**, 141; **69B**, 682
Lyme, in children, **69A**, *96
of hindfoot, talonavicular fusion for, **65B**, 667
of knee, septic, in haemophilia, **65A**, *267
of subtalar joint, diagnosed by bone scan, **69B**, *448
pathogenesis of, protein messengers in, **67B**, 680
post-rheumatic-fever, chronic, involving feet, **66A**, *1124
post-traumatic, following intra-articular fracture of distal end of radius, **68A**, *651
presumably caused by Chlamydia in Reiter syndrome, **68A**, *777, 1466(*correspondence*)
rheumatoid, *see* Rheumatoid arthritis
sacro-iliac, **65A**, 1051, 1056
– post-traumatic, treatment, anterior sacro-iliac arthrodesis, **67A**, *157
septic
– acute
– – in infancy and childhood, **65B**, *234(*review article*); **68B**, *584
– – outcome, **68B**, 333
– and acute haematogenous osteomyelitis, **68B**, *268
– antimicrobial therapy in children, **66A**, 1491(*current concepts review*)
– caused by *Clostridium septicum*, **68A**, *465
– diagnosis, synovial fluid lactate in, **66B**, 290
– in children, **66B**, 303
– – diagnosis by technetium bone scanning, **69B**, 163
– management and outcome, **68B**, *584
– of lumbar facet joint, **69B**, *457
– of wrist, **65A**, *824
tibiotalar, ankle fusion for, **65A**, *833
tuberculous, of elbow, presenting as chronic bursitis of olecranon, **67A**, *1127
Arthrodesis
see also under Spine; *and under specific joints*

Arthrodesis (*continued*):
AO method, **66B**, 296
Batchelor–Grice extra-articular subtalar, **67B**, 147
simulated, wrist motion after, **69A**, *1413
triple
– in treatment of talocalcaneal coalition, **69A**, *533
– long-term review, **68B**, *260
use of internal compression, **67A**, *550
Arthrography
in assessment of failed total hip replacement, **66A**, *540
in diagnosis of mensiscal tears, **65B**, 521
of elbow, in diagnosis of fractures of distal end of humerus in infants, **68A**, *599
of hip, in Legg–Calvé–Perthes disease, **65A**, *900
of knee
– bucket-handle tear of meniscus, **65B**, *383
– double-contrast, accuracy of evaluation of anterior cruciate ligament, **65A**, *175
– meniscal, **68B**, 678
of shoulder
– after repair of torn rotator cuff, **68B**, *147
– double-contrast, **68B**, *147
of wrist joint, **66A**, *371, 1145(*correspondence*)
– in diagnosis, **69B**, 163
radiocarpal, in diagnosis of ulnar wrist pain, **69B**, 501
vibration, **67B**, 844
– in diagnosis of knee disease, **69B**, *288
Arthrogryposis
causing paralysis of elbow flexion, pectoralis major transfer for, **67B**, *640
multiplex congenita, club foot in, talectomy for, **66B**, *694, *697
Arthropathy
see also Arthritis; Synovitis; *and under specific* joints
haemophilic, *see* Haemophilic arthropathy
neurogenic, **67A**, *562
of hip, *see under* Femur, head of, necrosis
pyrophosphate, tibial stress fractures in, **65B**, *472
spondylopatellar, causing patellar chondromalacia and instability, **65B**, 102
Arthroplasty, **69B**, 676
see also Hemiarthroplasty *and under specific joints*
biological resurfacing, free autogenous periosteal grafts, under influence of continuous passive motion, **68A**, *1017
cardiopulmonary function during, using cemented or non-cemented components, **69A**, *822
cemented
– compared with non-cemented, in relation to cardiopulmonary function and pulmonary microemboli, **69A**, *822
– haemodynamic and blood–gas changes, role of lavage in prevention of, **65A**, *500
complications
– bone lysis, role of synovial like membrane at bone–cement interface, **65A**, *575
– infection
– – salvage by reimplantation, **65A**, *1081
– – – two-stage, **65A**, *1087
exchange, **66B**, 649
excision, for infected total hip replacements, **66B**, *168
glass-ceramic cement, as alternative for polymethylmethacrylate, **67B**, 505
in North America, ABC travelling Fellows' report, **65B**, 513
infection following, indium-111 scanning in detection of, **67B**, 320
interposition, in management of advanced haemophilic arthropathy of elbow, **65B**, *436
local recurrence of malignant bone tumours following, **69B**, 492
low-friction, pulmonary embolism after, effect of Plaquenil, **67B**, 153
metal-backed components, **66A**, *780
pain following, indium-111 granulocyte scanning in investigation of, **67B**, 320
painful joints, indium scanning in detection of sepsis, **68B**, *647
pulmonary microemboli during, using cemented or non-cemented components, **69A**, *822
replacement
– *see also* Prostheses; *and under individual joints*
– biplane radiographic measurements of reversible displacement, **65A**, *1134; **66A**, 631(*correspondence*)
– complications, infection, **66B**, *580, *645(*review article*); 68A, ***143**
– cost of, **68B**, 160
– infection following, prevention, **69B**, 517(*annotation*)
– miniature and microminiature components, **65A**, *1099
– radiolucent line, **67B**, 675
– reactivation of tuberculous infection following, **65A**, *1015
revision, uncemented intramedullary stems, **67B**, *242
role of bone grafts in prosthetic joint replacements, **67B**, 331
Silastic, *see under* Silicones
Thompson prostheses, cemented and uncemented, **65B**, 218
Arthroplasty (*continued*):
total replacement
– *see also* Prostheses; *and under individual joints*
– antibiotic-impregnated cement in, **68A**, *1297(*current concepts review*)
– benefit analysis of, **65B**, 102
– glass ceramic cement in, **69B**, 681
– infection, diagnosis by preoperative scintigraphy, **69A**, *1353
– loosening of components, centrifugation for improving tensile and fatigue properties of acrylic cement, **66A**, *1265
– ultra-high molecular weight components, effect of conformity, thickness, and material on stresses, **68A**, *1041; **69A**, 471(*correspondence*)
vitallium prosthesis, fracture failure of, **65A**, 711 (*correspondence*)
Arthroscopy, **65A**, 287(*editorial*), *416(*current concepts review*)
ambulatory day case, **68B**, 159
aneurysm after, **69B**, 151(*brief report*)
complications, **68A**, *256
– fistula between knee and prepatellar bursa, **66A**, *624
– popliteal artery injury, **69A**, *783
diagnostic, **65A**, 416
– for meniscal tears, **65B**, 521
– in children, **67B**, 675
– in surgery of knee, **67B**, 507
excision of chondral flaps, **68B**, 842
in cruciate ligament deficiency, **68B**, 675
in medial ligament ruptures, **69B**, 162
in meniscal suturing, **67B**, 336; **65B**, 162
irrigating solutions for, **65A**, *629
meniscectomy, **67B**, 507
– electrosurgical, **69B**, 162
– for meniscal lesions, **67B**, 157
– recovery rate, prostaglandin inhibition and, **67B**, *567
of ankle, in treatment of osteochondral lesions of talus, **68A**, *862
of knee, **68B**, 678
– advisability of, **65B**, 672
– arthroscopic meniscectomy, **68B**, *301
– – over 40 years of age, **68B**, 338
– – partial, in patients aged over 50, **68B**, *707
– bucket-handle tear of meniscus, **65B**, *383
– debridement, for osteoarthritis and abrasion arthroplasty, **68B**, 504
– extra-articular bone lesions simulating intra-articular pathology, **65A**, *289
– for meniscal lesions, open meniscectomy and, **66B**, *189
– in electrosurgery, **69B**, 849
– in meniscal repair, **67B**, *39
– in partial medial meniscectomy, **66A**, *547
– removal of chondral flaps, **69B**, *794
– techniques, **65B**, 672
– under local anaesthesia, **66B**, 304
operative, **65A**, 417
outpatient
– screening, **66B**, 146
– under local anaesthesia, **68B**, 678
precautions, in carriers of hepatitis B virus, **69B**, *662
radiocarpal, in diagnosis of ulnar wrist pain, **69B**, 501
surgery
– chondroplasty, for chondromalacia patellae, **68B**, 337
– of shoulder, **68B**, *201
synovectomy, **66B**, 304
with use of probe, **68B**, 842
Arthrosis, *see* Arthritis; Osteoarthritis
Arthrotomography
computerised, at glenohumeral joint, **69B**, 163
of shoulder, **66B**, 303
Articular cartilage, *see* Cartilage, articular
Articular surfaces repair of allografts of articular and epiphysial cartilage **67B**, 317; **68B**, *29
Artificial limbs, *see also* Amputations; Amputees
Ascorbic acid, levels in femoral neck fractures, **69B**, 158
Asepsis in operating theatres, conversation as cause of airborne bacterial contamination, **65A**, *357
Aspergillosis
causing paraplegia, **67B**, *800
of spine, mimicking Pott's paraplegia, **66A**, 1481
Aspiration, in assessment of failed total hip replacement, **66A**, *540
Aspirin
after total hip replacement, comparison with low-dose warfarin, **65A**, 567(*correspondence*)
in prevention of thrombosis, **68A**, *147(*current concepts review*)
– after hip fracture, **67B**, *305
– after total hip replacement, **67A**, *57, 983(*correspondence*)
Assault, bony lacerations due to, **66B**, *89
Astragalus, *see* Talus
Ataxia, Friedreich's, *see* Friedreich's ataxia
Athletes, meniscectomy in, long-term follow-up, **69B**, *80
Athletic injuries, *see* Injuries, athletic

Atlanto-axial joint
arthrodesis, new operation for, **66B**, *422
dislocation
– rotatory, **66B**, *6; **67B**, 333
– – acute traumatic, in children, **66A**, *774
instability
– chronic, in Down's syndrome, **67A**, *1356
– due to fracture of atlantal arch, **68A**, *1289
– in children, diagnosis by computerised tomography, **66A**, *708
rotatory fixation, early diagnosis, **68B**, *698
subluxation, **66B**, *422
– non-traumatic, following peripharyngeal inflammation, *see* Grisel's syndrome
– posterior
– – associated with cervical myelopathy, **67A**, *593
– – in rheumatoid arthritis, **67A**, *593
– rheumatoid
– – cervical myelopathy complicating, **68B**, *350
– – treatment, transoral decompression and posterior fusion, **68B**, *350
– with spondyloschisis in Down's syndrome, **67A**, *1414
tuberculosis, in adults, **69B**, *183
Atlanto-occipital joint, dislocation
traumatic, **68A**, *1106
unilateral, complicating anomaly of the atlas, **65A**, *685
Atlas vertebra
anomalous, unilateral atlanto-occipital dislocation complicating, **65A**, *685
anterior arch, synchrondosis, fracture through, **69B**, *483(*brief report*)
congenital abnormalities, causing torticollis in children, **68A**, *178
fractures
– horizontal, of anterior arch, **68A**, *1094
– non-union, **69A**, *1423
– of arch, causing atlanto-axial instability, **68A**, *1289
osteoid osteoma, **69B**, *149(*brief report*)
pyogenic osteomyelitis, **69A**, *1069
ring of, fractures, **68B**, 852
Atmospheric pressure, role in stabilising shoulder, **67B**, *719
ATP, effect on microcirculation in bone, **67B**, 319
Attenborough total knee replacement, **65B**, 226
complications, **68B**, *100
Auditing system, orthopaedic, **65B**, 663
Austin Moore prosthesis
adaptive changes in femur after implantation, **66A**, *437
retrospective study, **69B**, 681
Australia, incidence of Scheuermann's disease in male population, **69B**, 166
Australian Orthopaedic Association
Golden Jubilee, commemoration book, **67B**, 519
meetings, **65B**, 94, 660; **66B**, 773; **68B**, 329; **69B**, 161
presidential addresses, **65B**, 94, 660; **66B**, 774; **68B**, 329
Authors, limitation of numbers in papers for *The Journal*, **69A**, 1311(*editorial*)
Autoclaved instruments, hot, operating theatre burns due to, **66B**, 778
Autografts, *see under* Bone grafting
Automobile accidents, *see* Accidents, traffic
Autophor ceramic hip prosthesis, **66B**, 300
Autotransfusion, *see under* Blood transfusion
Axillary artery, thrombosis, complicating proximal humeral fractures, **69A**, *778
Axillary nerve, injury, during inferior capsular shift shoulder surgery, **69B**, 502
Axis vertebra
familial spondylolisthesis, **68B**, *704
fractures, **67A**, *1340
odontoid process (dens)
– fractured
– – necessity for rigid immobilisation, **68B**, 507
– – with fractured superior articular process, **68B**, *182
– study of, **68B**, 852
odontoid process, fractures, **69B**, 167
pedicles, fracture, **68B**, *702
pyogenic osteomyelitis, **69A**, *1069
spondylolisthesis
– traumatic, **66B**, 608
– – management, **67A**, *217, 824(*correspondence*)
superior articular process, fractured, with fractured odontoid process, **68B**, *182

B

Back
see also Intervertebral discs; Spine
contour, standardised asymmetry scores, **65B**, *452
flat back syndrome, correction, **69B**, 503
locked, acute, treatment by spinal manipulation, **67B**, 500
Back (*continued*):
low
– fibular fusions in, **69B**, 684
– postoperative analgesia, epidural morphine, **69B**, 510
pain
– *see also* Sciatica
– after thoracolumbar spinal injury, **67B**, 151
– chronic, depressed fibrinolytic activity in, **68B**, 840
– diagnostic criteria for nerve root involvement, **65B**, 223
– discogenic, persisting despite solid posterior fusion, **68B**, *142
– low
– – and spinal column vibration, in vivo measurements, **68A**, *695
– – assessment of severity, **67B**, 501
– – inflammatory lesions of anterior annulus in, **67B**, 500
– – psychological investigation, **65B**, 101
– – tall pelvis in subjects with, **65B**, *153
– – treatment, facet joint injection, **68B**, *138
– epidemiology, **66A**, *1048
– psychological tests in evaluation of, **65A**, *560(*current concepts review*), 1356(*correspondence*)
– reduction of, with flexed knees and hips, **66B**, 779
– risk factors in, **65A**, *213
– spine radiographs, **66A**, *1048
– treatment
– – fusion, **67B**, 151
– – traction to pelvis, **66B**, 779
– with femoral neuritis, **66B**, 785
problem, electrical studies, **66B**, 280
Bacteria
adherence to biomaterials and tissue, **67A**, *264
contamination by, in operating theatre, conversation as cause of, **65A**, *357
Bailey–Dubow extensible rods, in osteogenesis imperfecta, **66B**, *227
Baldwin's procedure, for ulnar impingement syndrome, **68B**, 158
Ballet dancers
bilateral stress fracture of lumbar pedicles, **69A**, *140
stress fractures of second metatarsal involving Lisfranc's joint, **67A**, *1372
Bandages
see also Dressings; Plaster casts
Esmarch, efficacy of sterilisation, **69B**, *671(*brief report*)
Bank bone, **65B**, 97
Bankart procedure, for recurrent dislocation of shoulder, **66B**, 140
Bankart-type hip lesion, in recurrent hip dislocation, **68B**, *398
Barbiturates, in treatment of pain, **67A**, *340(*current concepts review*)
Baseball players, reconstruction of ulnar collateral ligament, **68A**, *1158
Basilar impression, complicating osteogenesis imperfecta, **66B**, *233
Bat ears, in moulded baby syndrome, **66B**, 491
Batchelor, John Stanley, **69B**, 674(*obituary*)
Batchelor–Grice extra-articular subtalar arthrodesis, **67B**, 147; **68B**, *125
Bateman proximal femoral prosthesis, **66B**, 301; **69A**, *761
Baumann's angle, in radiological assessment of supracondylar fractures of humerus, **66B**, 458
Baycast jacket, effect on segmental mobility of lumbosacral spine, **65A**, *943
Belfast, Queen's University, appointment of R.A.B. Mollan to Chair of Orthopaedic surgery, **65B**, 521
BGP (bone GLA protein), as indicator of bone metabolism, **65B**, 93
Bell, Sir Charles, Bridgwater Treatise, **66B**, 396
Benjamin's double osteotomy of knee, **69B**, 849
Bennett's fracture-subluxation
internal fixation for, **66B**, 165
long-term study, **68B**, 157
reduction for, **66B**, 159
Bentley, George, appointment to Chair of Orthopaedics, Institute of Orthopaedics, **66B**, 615
Benzodiazepines, in treatment of pain, **67A**, *340(*current concepts review*)
Benzylpenicillin, in treatment of subacute osteomyelitis in childhood, **67B**, *443
Beta-lactam antibiotics, in treatment of childhood skeletal infections, **66A**, *1487(*current concepts review*)
Beukes' familial hip dysplasia, **67B**, 506
Biceps-brachialis compartment, compression after trivial trauma, **68B**, *374
Biceps brachii
tendon
– distal, injury, **67B**, 329
– lesions, arthroscopic surgery for, **68B**, *374
– rupture
– – biomechanical study, **67A**, *418
– – operative versus non-operative treatment, **67A**, *414
– transfer, in reconstruction of anterior cruciate ligament, **69A**, *275
– ultrasonic evaluation, **68A**, *440, 950(*correspondence*)
Biceps femoris
endometriosis, **69A**, *290
tendon, partial transfer in anterior cruciate ligament reconstruction, **69B**, 511

Biopsy
closed vertebral, **65B**, *140
of bone, *see* Bone biopsy
spinal needle, **66B**, 456
– in histiological diagnosis, **67B**, 508
Birth palsy, *see* Brachial plexus, birth injuries
Bisphosphonates, *see* Diphosphonates
Bleeding, *see* Blood loss
Blood
see also terms beginning with Haem-
alcohol limit, **66B**, 783
clearance, in tendons, **66B**, *441
flow
– calf, during total hip replacement surgery, **65B**, 518
– in bone, *see* Bone blood flow
– in muscles, in compartment syndrome, **69B**, *301
– in tendons, **65B**, 366; **66B**, *441
loss, *see* Haemorrhage
transfusion
– autogenous, **69A**, *320, 319(*editorial*)
– – in spinal surgery, **68B**, 338
– – normovolaemic haemodilution and, **65B**, 103
– – in hip-replacement surgery, **69A**, *325
– – in spine deformity surgery, **69A**, *329
– total hip arthroplasty without, **68A**, *350
Blood-gas changes, during cemented arthroplasty, role of lavage in preventing, **65A**, *500
Blood vessels, *see* Arteries; Vascular; Veins; Venous
Blount's disease, *see* Tibia vara
Bone(s)
see also specific bones; *see also* Epiphyses; Epiphyseal cartilage; *and terms beginning with* Ost-.
ageing, nutrient channels, **67B**, 159
aluminium deposition in, associated with osteomalacia, **65A**, *843
antigenicity, donor-specific anti-HLA antibodies in recipients of freeze-dried allografts, **66A**, *107
as flexible perfused sponge, **69B**, 494
avascular segment, fracture healing in, **67B**, 159
bank, **65B**, 97
biopsy
– fine-needle aspiration, **65A**, *522
– in screening of femoral neck fractures, **69B**, *388
– spread of tumour-sized particles after, **66A**, *1243
– techniques for diagnosis of metabolic bone diseases, **65A**, *1314
blood flow
– demonstration by autoradiography of radioactive labelled microspheres, **69B**, 494
– early dynamic bone-imaging as indicator, **67A**, *763; **68A**, 789(*correspondence*)
– effect of compressed air on, **65B**, 90
– effect of core decompression in steroid-induced avascular necrosis, **67A**, *121
– effect of sympathectomy on, **69A**, *1384
blood pump, cancellous, **69B**, 492
blood supply, *see also* Bone infarction
bovine morphogenetic protein implant, inducing bone repair in ulnar defects, experimental study, **68B**, *635
cell metabolism and exchangeable mineral, **68B**, 495
cement
– *see also* Acrylics; Methylmethacrylate
– acrylic, mechanism of diffusion of antibiotics through, **69B**, 497
– and cardiorespiratory changes during cemented arthroplasty, **69A**, *822
– antibiotic-impregnated, in total joint arthroplasty, **68A**, *1297(*current concepts review*)
– as substitute for talus, in tibiocalcaneal stabilisation, **66A**, *788
– centrifugation for improving tensile and fatigue properties, **66A**, *1265
– effects of bleeding on bone-cement interface, **69B**, *620
– femoral cement compactor, **65A**, *1335; **66A**, 808(*correspondence*)
– femoral, accelerated polymerisation in total hip replacement, **67B**, 505
– gentamicin-incorporated, experimental study of infection, **68B**, 338
– glass ceramic, **69B**, 681
– – as alternative for polymethylmethacrylate in arthroplasty, **67B**, 505
– in hip arthroplasty, incidence of infection with plain and gentamicin-loaded cement, **69B**, *355
– interface with bone, radiolucent line surrounding, **67B**, 675
– intrapelvic extrusion causing obturator-nerve palsy, **67A**, *1225
– mechanical properties, and loosening of femoral component of hip replacements, **69B**, *558
– medullary-plug technique, loosening of femoral component after, **68A**, *1064
– methylmethacrylate, anaphylatoxin release associated with use of, **69A**, *46
– release of antineoplastic drugs from, **67B**, 845
– thickness in conservative hip arthroplasty, **66A**, *525
cementing technique, and effects of bleeding, **69B**, *620
changes, in alcohol abuse, **67B**, 506; **68B**, 495
chemotherapeutic agents' effects on, **66A**, *602

Bone(s) (*continued*):
components in femoral fractures, **69B**, *234
composition, effect of age, **67A**, *274, 1303(*correspondence*)
congenital disorders, Langenskiold's operation for Madelung's deformity and clinodactyly, **66B**, 778
cysts
– aetiology, **65B**, *633
– aneurysmal
– – in association with fibrous dysplasia, **68B**, *144
– – spontaneous healing, **67B**, *310
– – treatment in childhood, **69B**, 163
– treatment, **65B**, *633
– unicameral, **69B**, 505
– – of lumbar vertebra, **68A**, *1283
– – ten-year retrospective study, **68B**, 675
dead, invasion by osteoclasis, **65B**, 93
defects
– bridging
– – by bone grafts without rigid internal fixation, **69B**, 165
– – by demineralised bone powder, **69A**, *984
– healing of, *see* Bone repair; Fracture healing
– large, value of composite bone graft, **67B**, 505
– massive, due to pyogenic osteomyelitis, management, **69B**, 683
– segmental, healing induced by demineralised bone matrix, **66A**, *274
deformities, *see* Deformities
diseases
– *see also specific terms; and other subheadings of* Bone
– hydatid, **68B**, 508
– – combined chemotherapy and surgery in, **69B**, *141
– metabolic, comparison of biopsy techniques for diagnosis, **65A**, *1314
dysplasia
– fibrous, *see* Fibrous dysplasia of bone
– hereditary
– – with hyperphosphatasaemia, **68B**, *305
– – with malignant change, **68A**, *1079
ectopic formation, after total hip replacement, **69B**, 167
fixation of Terylene ligaments to (in pigs), **65B**, 660
fixation-pin insertion, thermal effects, **66A**, *1077
formation
– ectopic, in perch myotomes, **65B**, 89
– matrix-induced endochondral, development cascade in, **66B**, 461
– regulation by applied dynamic loads, **66A**, *397
fractures, *see* Fractures
functional exploration of, **67B**, 3
fusion, *see* Arthrodesis
GLA protein, as indicator of bone metabolism, **65B**, 93
geometry, relationship to bone-mineral content, **66A**, *1024
grafting, **69A**, *786(*current concepts review*)
– allografts, **69B**, 676
– – cadaveric elbow, **68B**, 676
– – distal radial, **69B**, 166
– – donor-specific anti-HLA antibodies in recipients of, **66A**, *107
– – early experiences, **68B**, 676
– – free segmental
– – – with microsurgical revascularisation, **68B**, 498
– – – with short-term immunosuppression by cyclosporin, **68B**, 498
– – frozen bone
– – – histocompatibility matching (in dogs), **65A**, *89
– – – immune responses (in rats), **65A**, *239
– – – tissue-typing, **69A**, *583
– – in reconstruction of acetabulum during revision total hip arthroplasty, **68A**, *527
– – in repair of articular surfaces, **68B**, *29
– – in spinal fusion for paralytic scoliosis, **68A**, *370
– – in treatment of adamantinoma of tibia, **69A**, *1177
– – late osteochondral resurfacing for tibial plateau fractures, **66A**, *328
– – of femoral heads, procurement and storage, **68A**, *534
– – osteochondral, **68B**, 849
– – – immune response, experimental study, **69A**, *573
– – rejection, histological characteristics, **69A**, *410
– – repair, **69A**, *787
– autogenous patella as replacement for resected femoral or tibial condyle, **67B**, *557
– autografts
– – from femoral head to augment acetabular deficiency in total hip replacement, **68A**, *1241
– – in pathological fractures of cervical spine, **67B**, 352
– – revascularised, **69A**, *788
– – segmental cortical, repair of, effect of Adriamycin and Methotrexate on, **65A**, *103
– biology of incorporation, **69A**, *786(*current concepts review*)
– bridging gap, by cortical graft on muscle pedicle, **67B**, *804
– clinical application, **69A**, *788
– comparison of epiphyseal growth in autografts and allografts, **69B**, 495
– complications, late oesophageal perforation, **67A**, *644
– composite, value in treatment of large bone defects, **67B**, 505
– controlled release glass as potential substitute, **65B**, 364

Bone(s)
grafting (*continued*):
- cortical with muscle pedicle, **67B**, *804
- corticocancellous graft augmenting plate fixation in contaminated osteotomy, **69B**, 496
- delayed insertion, **69A**, *19
- evaluation of graft viability by radioisotope scanning, **65A**, 279(*correspondence*)
- experimental
-- electromagnetic stimulation of canine bone grafts, **66A**, *693
-- histocompatibility matching, **65A**, *89
-- immune responses, **65A**, *239
-- improved acceptance of frozen bone allografts in genetically mismatched dogs by immunosuppression, **66A**, *937
-- induction of neochondrogenesis in free intra-articular periosteal autografts under influence of continuous passive motion, **66A**, *1248
-- perichondrial rib graft, for repair of full-thickness articular-cartilage defects, **67A**, *911
-- vascularised and non-vascularised segmental fibular canine auto grafts, roentgenographic, biomechanical and histological evaluation, **67A**, *105
- failure of posterior cervical fusions using cadaveric graft in children, **67A**, *370
- for protrusio acetabuli, during total hip replacement, **69B**, *229
- free autogenous periosteal grafts, for biological resurfacing of joint surface defects, **68A**, *1017
- free vascularised
-- from fibula, **68A**, *804
--- in reconstruction of femoral shaft defects, **69A**, *365
--- in treatment of congenital pseudarthrosis of tibia, **67B**, *64, 490
-- in lengthening of humerus with Wagner apparatus, **65A**, *111
-- in femoral neck fractures, **68B**, *387
-- in treatment of avascular necrosis of femoral head, **68B**, 677
-- in treatment of giant-cell tumours of distal radius, **68A**, *687
-- in treatment of scoliosis, **68B**, 508
- herniae through donor sites in ilium, **65A**, 1023(*brief note*)
- homografts, cancellous, in treatment of chronic osteomyelitis, **69B**, *335
- iliac graft
-- ilioinguinal neuralgia following, **66A**, *1306
-- in reconstruction of thumb, **67A**, *439
-- in treatment of severely depressed fracture of tibial plateau, **67A**, *1270
- in ankle fusion, **65A**, *833
- in bridging of bone defects without rigid internal fixation, **69B**, 165
- in prosthetic joint replacement, **67B**, 331
- in protrusio acetabuli, **66B**, 787
- in total hip replacement, massive allografting after prosthetic failure, **68A**, *4
- in treatment of fibrous dysplasia of femoral neck, **68A**, *1415
- in treatment of fractures
-- iliac autograft for reconstruction of severely depressed fracture of tibial plateau, **68A**, 475(*correspondence*)
-- of femoral neck, **68B**, *239, *387
-- of tibia, **69A**, *375
-- Russe grafting for non-union of scaphoid, **66B**, 276
-- wedge grafting, **66B**, 277
- muscle-pedicle grafts, with internal fixation of ununited femoral neck fractures, **68B**, *239
- osteocutaneous forearm flap in total thumb reconstruction, **67B**, 153
- pedicled, in post-traumatic avascular necrosis of femoral head, **65B**, *268
- perichondrial rib graft, for repair of full-thickness articular-cartilage defects, **67A**, *911
- porous hydroxyapatite as bone-graft substitute in metaphyseal defects, **68A**, *904
- rejection, histological characteristics, **69A**, *410
- rib pedicle graft, in treatment of spinal tuberculosis, **69B**, 684
- skin incision for operations on posterior iliac crest and sacro-iliac joint, **66B**, 146
- vascular-pedicled, in reconstruction of femoral defects, **65A**, *1179; **66B**, *32
- vascularised
-- from fibula, **65A**, *1295; **68B**, *804
-- from groin, in reconstruction of hand and wrist, **67A**, *958
-- from iliac bone to extremities, **69A**, *1319
-- from pelvis, in reconstruction of knee, **68B**, 502
-- reconstruction of leg by, **66B**, 296
-- rejection, histological characteristics, **69A**, *410
-- rib grafts for stabilisation of kyphosis, **68B**, *357
granuloma, disseminated eosinophilic, Velban as treatment for, **66A**, *1128

Bone(s) (*continued*):
growth
- *see also* Bone development; Bone grafting; Bone remodelling; Bone repair; Epiphyseal cartilage; Fracture healing; Ossification
- longitudinal, chondrocyte performance in growth-plate cartilage during, **69A**, *162
- stimulation of, electrical, **67B**, *454
healing
- *see also* Bone repair; Fracture healing
- ^{99m}Tc-HMDP in, **67B**, 846
- comparison of osteotomy healing under external fixation devices with different stiffness characteristics, **66A**, *1258
- early
-- effects of compression plates v. external fixators, **66A**, *1084
-- stabilised by external fixation, **69A**, *355
heterotopic
- following total hip replacement, **68B**, 674
- in fracture healing with head injury, **69B**, *525
histology
- in adults with aseptic necrosis, **65A**, *1319
- quantitative, **69A**, *162
immature, volume of distribution of albumin and methylene diphosphonate, **68B**, 841
induction, by epithelial cell products, **65B**, 89
infarction
- associated with osteosarcoma, **69A**, *300
- malignant fibrous histiocytoma in, **65A**, *1166
infection(s)
- *see also* Osteomyelitis; Tuberculosis; *see also* Infections, post-operative
- in renal unit, **68B**, *489
- pitfalls in diagnosis and management, **68B**, *489
ingrowth into porous-coated prosthesis, **66A**, *619; **69B**, *45
interface with cement, ultrastructural aspects of, **65B**, *646
islands, growing, **67A**, *809
lengthening, *see under* Limbs, lower, length discrepancy
lesions, extra-articular, simulating intra-articular pathology of knee, **65A**, *289
long, *see* Long bones
loss, in premenopausal and postmenopausal women, **66A**, *1015
lysis, in loose total hip replacement, role of synovial-like membrane at bone–cement interface, **65A**, *575
marrow
- changes, hyperparathyroidism and, **65B**, 93
- pathological effects of virus on, **65B**, 89
mass, effects of metal plates on, **65B**, *66
matrix
- demineralised
-- healing of segmental bone defects induced by, **66A**, *274
-- in repair of segmental defects, **68A**, *1264
-- powdered, in bridging large bone defects, **69A**, *984
- irradiated, bone induction properties of, **67B**, 317
- role in morphogenesis of cartilagenous long bone rudiments, **67B**, 317
metabolism
- BGP as indicator of, **65B**, 93
- disorders of, *see specific conditions*
- osteocalcin as marker, **67B**, 159
microcirculation, response to administration of noradrenaline and ATP, **67B**, 319
mineral content
- effect of intense physical activity, **68A**, *1090; **69A**, 793(*correspondence*)
- measurement by broad-band ultrasonic attenuation, **66B**, 287
- photon absorptiometric estimation of, in femur, **65B**, 660
- relationship to cross-sectional geometry, **66A**, *1024
necrosis, **68A**, 1311(*editorial*)
- *see also* Osteochondritis; *and under specific bones*
- aseptic
-- bone histology in adults with, **65A**, *1319
-- of talus, evaluation by magnetic resonance imaging, **68A**, *927
- avascular
-- after short-term high-dose steroid therapy, **66B**, *431
-- in congenital hip dislocation, **68A**, *841; **68B**, *275, *427
-- in femoral neck fractures, **68B**, *387
-- of capitate, **66B**, *557
-- of femoral head
--- *see also* Bone necrosis of femoral head
--- following posterior hip dislocation, **69A**, *679
--- following renal transplantation, **68B**, *414
--- predicted by preoperative technetium-99m antimony–colloid scan, **65A**, *786
--- treatment with vascularised fibular graft, **68B**, 677
-- steroid-induced, effect of core decompression on femoral head blood flow, **67A**, *121
- core biopsy, **67B**, 4
- core decompression for, **67B**, 329
- dysbaric, *see* Caisson disease
- idiopathic, **69B**, *346
-- early diagnosis and treatment, **67B**, *3(*review article*)

Bone(s)
necrosis (*continued*):
- in systemic lupus erythematosus, **69A**, *807
- - intramedullary haemorrhage as possible cause, **69B**, *346
- neuropathic, of lateral femoral condyle in childhood, **67B**, 848
- of femoral head
- - *see also under* Bone necrosis, avascular - -
- - bilateral non-traumatic aseptic, experimental study of incidence, **69A**, *1221
- - cyclosporin A and, **69A**, *1226
- - in Perthes' disease, **69A**, *1312
- - treatment
- - - core decompression, **68A**, *1313; **69A**, 1107(*correspondence*), 1108(*correspondence*)
- - - use of greater trochanter on vascular pedicle, **69B**, 491
- of knee
- - high tibial osteotomy for, **66A**, *1040
- - idiopathic, **65B**, *588
- of hip, treatment, intertrochanteric osteotomy, **69B**, 502
- of lateral femoral condyle, neuropathic, **68B**, *96
nutrient channels in ageing, **67B**, 159
osteoid, mineral formation in, **65B**, 92
osteoid osteoma, *see* Osteoid osteoma
pathological effects of virus on, **65B**, 89
physeal closure, premature partial, assessment and treatment, **69B**, 154
pins
- chronic osteomyelitis in pin tracks, **66A**, *1092
- threaded, intrapelvic migration, causing vascular injury, **67A**, *804
plating, *see* Plating of fractures
quality defect
- in femoral neck fractures, **65B**, 365
- treatment by fluoride, vitamin D and calcium, **66B**, 288
radioisotope scanning of, *see* Radioisotope scanning of bone
radioisotope scanning, *see under* Radioisotope scanning
remodelling
- effect of static and dynamic loads, **67B**, 318
- mechanical control, **68B**, 840
repair
- *see also* Bone healing; Fracture healing
- effect of ultrasound, **69B**, 494
- electrical stimulation, **69A**, *626(*current concepts review*), 1110(*correspondence*)
- induced by bone morphogenetic protein in ulnar defects, experimental study, **68B**, *635
- stimulation of, by ultrasound, **65B**, 659
replacement
- *see also* Arthroplasty
- ceramics as, **65B**, 668; **66B**, *269, 280
resorption
- *see also* Osteolysis; Osteoporosis
- in presence of polyethylene wear particles, **69B**, 165
- macrophage-mediated, differential actions of bisphosphonates on, **65B**, 94
scanning, *see under* Radioisotope scanning
scintigraphy, *see under* Radioisotope scanning
screws, *see* Screws, bone
segmental defects, use of demineralised bone matrix in repair of, **68A**, *1264
stimulation, electrical, **68B**, 681
strength characteristics, **69B**, 497
subchondral, elasticity of, and aetiology of osteoarthritis, **67B**, 843
tendon implantation into, **67B**, 844
tendon insertion through, new technique, **69A**, *922(*brief note*)
tissue, acute effect of loading on, **68B**, 840
trabecular, strength characteristics, **69B**, 497
transplantation, *see* Bone grafting
tuberculosis, *see* Tuberculosis
tumours
- *see also under* Tumours; *and under structures involved*
- chondroblastoma, **67A**, *748
- desmoplastic fibroma, **66B**, *265
- diagnosis, radiology in, **67B**, *520(*review article*)
- en bloc excision, biological reconstruction of skeletal defects following, **68B**, 848
- fibroma, desmoplastic, **67A**, *732
- giant-cell, *see* Osteoclastoma
- histiocytoma, *see* Histiocytoma
- malignant, local recurrence following resection and prosthetic replacement, **69B**, 492
- management, radiology in, **67B**, *520(*review article*)
- mechanisms of metastasis, **68A**, *308(*current concepts review*); **69A**, 309(*correspondence*)
- osteoclastoma, *see* Osteoclastoma
- osteoid osteoma, *see* Osteoid osteoma
- primary leiomyosarcoma, **69A**, *287
- primary malignant, magnetic resonance imaging in planning limb-salvage surgery, **68A**, *809

Bone(s)
tumours (*continued*):
- soft-tissue sarcomas involving bone, **66A**, *1400
- uncommon, **67B**, 509
turnover, in osteoarthritis of hip, **67B**, 318
viability, effect of age, **67A**, *274, 1303(*correspondence*)
Bony lacerations, due to assault, **66B**, *89
Book reviews
Ackroyd, C.E., O'Connor, B.T. and de Bruyn, P.F. The severely injured limb, 1983, **66A**, 638; **66B**, 622
Adams, J.C. Outline of fractures, 1983, **66B**, 155
Adams, J.C. Standard orthopaedic operations: a guide for the junior surgeon, 3rd edition, 1985, **68B**, 169
Aitken, M. Osteoporosis in clinical practice, 1984, **68B**, 171
Alexander, R.M. Animal mechanics, 2nd edition, 1983, **66B**, 467
American Academy of Orthopaedic Surgeons. Athletic training and sports medicine, 1984, **67A**, 669
American Academy of Orthopaedic Surgeons. Instructional Course Lectures, Vol. 30, 1981, **65B**, 528
American Academy of Orthopaedic Surgeons. Instructional Course Lectures, Vol. 31, 1982, **66B**, 153
American Academy of Orthopaedic Surgeons. Instructional Course Lectures, Vol. 32, 1983, **66B**, 619
American Academy of Orthopaedic Surgeons. Orthopaedic knowledge update I: home study syllabus, 1984, **66A**, 814
American Academy of Orthopaedic Surgeons. Symposium on Total Joint Replacement of the Upper Extremity, 1982, **65B**, 683
American Academy of Orthopaedic Surgeons. Symposium on the foot and ankle, 1983, **65A**, 1036
American Academy of Orthopaedic Surgeons. Symposium on heritable disorders of connective tissue, 3rd edition, 1982, **66B**, 156
American Academy of Orthopaedic Surgeons. Symposium on the foot and leg in running sports, 1980, **66B**, 154
American Society for Surgery of the Hand. The hand: examination and diagnosis, 1983, **66B**, 468
Anderson, J.R. Atlas of skeletal muscle pathology, 1985, **68B**, 344
Ariyan, S. The hand book, 2nd edition, **66B**, 623
Arlet, J., Ficat, R.P. and Hungerford, D.S. Bone circulation, 1984, **68B**, 170
Arndt, R.-D., Horns, J.W. and Gold, R.H. Clinical arthrography, 2nd edition, 1985, **67A**, 1310
Aston's short textbook of orthopaedics and traumatology, 3rd edition, 1983, **66B**, 464
Austin, R.T. Robert Chessher of Hinkley 1750-1831: first English orthopaedist, 1981, **65B**, 108
Back Pain Association. Low back pain and industrial and social disablement, 1983, **66B**, 793
Backhouse, K.M., Harrison, S.H. and Hutchings, R.T. Color atlas of rheumatoid hand surgery, 1981, **65A**, 285
Banna, M. Clinical radiology of the spine and spinal cord, 1985, **68A**, 1309
Barry, H. Orthopaedics in Australia, 1983, **67B**, 519
Bayley, I. and Kessell, L., *eds*. Shoulder surgery, 1982, **65B**, 107
Bedbrook, G.M., *ed*. Lifetime care of the paraplegic patient, 1985, **67A**, 1150
Bedbrook, Sir G.M., *ed*. Lifetime care of the paraplegic patient, 1985, **68B**, 166
Beighton, P. and Beighton, G. The man behind the syndrome, 1986, **69B**, 516
Beighton, P., Grahame, R. and Bird, H. Hypermobility of joints, 1983, **65A**, 1213; **66B**, 310
Benini, A. Ischias ohne Bandscheibenvorfall die Stenose des Lumbalen Wirbelkanals, 1986, **69A**, 478
Bernau, A. and Berquist, T.H. Orthopaedic positioning in diagnostic radiology, 1983, **66A**, 477
Berquist, T.H., *ed*. Imaging of orthopedic trauma and surgery, 1985, **68A**, 478
Berquist, T.H. Diagnostic imaging of the acutely injured patient, 1985, **68A**, 957
Berquist, T.H., *ed*. Magnetic resonance of the musculoskeletal system, 1986, **69B**, 859
Birch, R. and Brooks, D., *eds*. Rob & Smith's operative surgery: the hand, 4th edition, 1984, **67B**, 686
Blockey, N.J. Congenital dislocation of the hip, 1985, **68B**, 860
Boara, F.W., *ed*. The pediatric upper extremity, 1986, **69B**, 688
Bogumill, G.P. and Schwamm, H.A. Orthopaedic pathology: a synopsis with clinical and radiographic correlation, 1984, **67B**, 513
Boijsen, E. and Ekelund, L., *eds*. Computed tomography in orthopedic radiology, 1983, **66B**, 312
Bonola, A., Caroli, A. and Celli, C. La mano, 1981, **65B**, 107
Bora, F.W., Jr., *ed*. The pediatric upper extremity, 1986, **68A**, 1133
Boswick, J.A., *ed*. Current concepts in hand surgery, 1983, **66B**, 623
Boswick, J.A., Jr., *ed*. Complications in hand surgery, 1986, **68A**, 797; **69B**, 514
Bourdillon, J.F. Spinal manipulation, 1982, **65B**, 232
Bowers, W.H., *ed*. Interphalangeal joints, Vol.1: The hand and upper limb, 1987, **69A**, 1309

* Indicates full article or appreciable part

Book reviews (*continued*):
Bradford, D.S. and Hensinger, R.M., *eds*. The paediatric spine, 1985, **68B**, 516
Brand, P.W. Clinical mechanics of the hand, 1985, **68B**, 514
Braune, W. and Fischer, O. On the centre of gravity of the human body: as related to the equipment of the German infantry soldier, 1985, **67B**, 852
Brooker, A.F., Jr, Cooney, W.P., III and Chao, E.Y. Principles of external fixation, 1983, **66A**, 317; **67B**, 171
Brown, J.E., Nordby, E.J. and Smith, L., *eds*. Chemonucleolysis, 1985, **67A**, 1454
Brown, M.D. Intradiscal therapy: chymopapain or collagenase, 1983, **65A**, 1214; **66B**, 310
Browne, P.S.H. Basic facts in orthopaedics, 2nd edition, 1985, **68B**, 344
Bucholz, R.W., Lippert, F.G., III, Wenger, D.R. and Marybeth, Orthopaedic decision making, 1984, **67B**, 344
Buck-Gramcko, D. et al., Hand trauma: a practical guide, 1986, **68A**, 1310
Bulcke, J.A. and Baert, K.U. Clinical and radiological aspects of myopathies: CT scanning, EMG, radioisotopes, 1882, **66B**, 312
Bullough, P.G. and Vigorita, V.J. Atlas of orthopaedic pathology with clinical and radiologic correlations, 1984, **66A**, 812; **67B**, 165
Bunch, W.H. et al., *eds*. Atlas of orthotics, 2nd edition, 1985, **68B**, 515
Burri, C. and Claes, L., *eds*. Alloplastic ligament replacement, 1983, **66B**, 467
Camins, M.B. and O'Leary, P.F., *eds*. The lumbar spine, 1986, **69A**, 797
Carter, P.R. Common hand injuries and infections: a practical approach to early treatment, 1983, **66A**, 478; **66B**, 622
Caruso, G. and Ludin, H.-P., *eds*. Electromyography in the diagnosis and management of peripheral nerve impulses, 1983, **67B**, 171
Catterall, A. Legg–Calvé–Perthes' disease, 1982, **65A**, 877; **65B**, 525
Cauthen, J.C., *ed*. Lumbar spine surgery: indications, techniques, failures and alternatives, 1983, **65A**, 1036; **66B**, 310
Cervical Spine Research Society Editorial Subcommittee, *eds*. The cervical spine, 1983, **65A**, 1037; **66B**, 624
Chase, R.A. Atlas of hand surgery, Vol. 2, 1984, **66A**, 1150; **67B**, 170
Chen Zhong-wei, Yang Dong-yeu and Chang Di-sheng. Microsurgery, 1982, **66B**, 153
Cholmeley, J.A. History of the Royal National Orthopaedic Hospital, 1985, **68B**, 688
Chung, S.M.K. Handbook of pediatric orthopaedics, 1986, **69A**, 318
Cochran, G.V.B. A primer of orthopaedic biomechanics, 1982, **65B**, 682
Coleman, S.S. Complex foot deformities, 1983, **66B**, 154
Connor, J.M. Soft tissue ossification, 1983, **66A**, 637; **66B**, 621
Coventry, M.B., *ed*. 1982 Year book of orthopaedics, 1982, **65B**, 684
Crenshaw, A.H., *ed*. Campbell's operative orthopaedics, 7th edition, 1987, **69A**, 1310
Crock, H.V. Practice of spinal surgery, 1983, **66A**, 637
Crock, H.V., Yamagishi, M. and Crock, M.C., *eds*. An atlas of the arteries and veins of the spinal cord, 1986, **69B**, 172
Cruess, R.L., *ed*. The musculoskeletal system: embryology, biochemistry and physiology, 1982, **65A**, 286; **65B**, 681
Cruess, R.L. and Rennie, W.R.J. *eds*. Adult orthopaedics, 1984, **66A**, 1503; **67B**, 512
Curry, J. Mechanical adaptations of bone, 1984, **67A**, 510
D'Ambrosia, R., *ed*. Musculoskeletal disorders: regional examination and differential diagnosis, 2nd edition, 1986, **69A**, 637
D'Angio, G.J. and Evans, A.E., *eds*. Bone tumours and soft-tissue sarcomas, 1985, **68B**, 170
Dandy, D.J. Arthroscopy of the knee: a diagnostic color atlas, 1984, **67A**, 1150; **67B**, 687
Das Gupta, T.K. Tumors of the soft tissues, 1983, **67A**, 989
Dawson, D.M. Entrapment neuropathies, 1983, **66A**, 1326
DeSmet, A.A. Radiology of spinal curvature, 1985, **67A**, 1149
Debrunner, H.U. Orthopaedic diagnosis, 2nd edition, 1982, **66B**, 155
DePalma, A.F. Surgery of the shoulder, 3rd edition, 1983, **65A**, 1361; **66B**, 309
Dequeker, J.V. and Johnston C.C. Jr., Non-invasive bone measure ments: methodological problems – radiogrammetry, single and dual photon absorptiometry and C-T densitometry, **65A**, 1360; **65B**, 682
Detrisac, D.A. and Johnson, L.L. Arthroscopic shoulder anatomy: pathologic and surgical implications, 1986, **68A**, 958
Dickson, R.A. and Bradford, D.S., *eds*. Management of spinal deformities, 1984, **67B**, 852
Dickson, R.A. and Wright, V., *eds*. Musculoskeletal disease, 1984, **67B**, 165
Dieppe, P. and Calvert, P. Crystals and joint disease, 1983, **65A**, 1037
Dieppe, P.A. et al., Atlas of clinical rheumatology, 1986, **68A**, 1309
Dihlmann, W. Radiologic atlas of rheumatic diseases, 1986, **69A**, 158; **69B**, 859
Dixon, A.D. and Sarnat, B.G., *eds*. Normal and abnormal bone growth: basic and clinical research, 1985, **68B**, 344
Dommisse, G.F. To benefit the maimed: the story of orthopaedics and the care of the crippled child in South Africa, **65B**, 231
Dorr, L.D., *ed*. Techniques in orthopaedics: revision of total hip and knee, 1984, **67B**, 341

Book reviews (*continued*):
Dowling, J.J. Musculoskeletal disease: staged for rapid comprehension, 1985, **68B**, 172
Drennan, J.C. Orthopaedic management of neuromuscular disorders, 1983, **65A**, 1038
Ducheyne, P., van der Perre, G. and Aubert, A.E., *eds*. Biomaterials and biomechanics 1983: proceedings of the fourth European conference on biomaterials, 1984, **67B**, 344
Dunsker, S.B., et al., *eds*. The unstable spine (thoracic, lumbar and sacral regions), 1986, **68A**, 798; **69B**, 515
Duthie, R.B. and Bentley, G., *eds*. Mercer's orthopaedic surgery, 2nd edition, 1983, **66B**, 152
Eftekhar, N.S., *ed*. Infection in joint replacement surgery: prevention and management, 1984, **67A**, 1149; **67B**, 851
Egloff, D.V. Surgery of the hand: free tissue transfers by nerve and vascular microanastomoses, 1984, **68B**, 343
Engh, C.A. and Bobyn, J.D. Biological fixation in total hip arthroplasty, 1985, **68B**, 342
Enneking, W.F. Musculoskeletal tumor surgery. Vols. 1 and 2, 1983, **65A**, 1361; **66B**, 620
Evans, P., *ed*. The knee joint: a clinical guide, 1986, **69B**, 515
Evarts, C.M., *ed*. Surgery of the musculoskeletal system, 1983, **66A**, 973; **67B**, 164
Finerman, G., *ed*. American Academy of Orthopaedic Surgeons: symposium on sports medicine: the knee, 1985, **68B**, 167
Finlay, D.B.L. and Allen, M.J. Radiological diagnosis of fractures, 1984, **68B**, 170
Flatt, A.E. Care of the arthritic hand, 4th edition, 1983, **65A**, 718; **65B**, 683
Fogelman, I., *ed*. Bone scanning in clinical practice, 1987, **69A**, 637; **69B**, 859
Forrester, D.M. and Brown, J.C., *eds*. Clinics in rheumatic diseases – Vol.9/No.2: Radiological investigation in rheumatology, **66B**, 312
Fowles, J.V. Skeletal trauma notes, 1985, **68B**, 514
Fowles, J.V. Surgical anatomy and pathology for orthopaedic surgeons, 1983, **66B**, 156
Freeland, A.E., Jabaley, M.E. and Hughes, J.L. Stable fixation of the hand and wrist, 1986, **69A**, 1309
Friedlaender, G.E., Mankin, H.J. and Sell, K.W., *eds*. Osteochondral allografts: biology, banking, and clinical applications, 1984, **66A**, 317; **67B**, 515
Galasko, C.S.B. Skeletal metastases, 1986, **69A**, 797
Galasko, C.S.B. and Weber, D.A., *eds*. Radionuclide scintigraphy in orthopaedics, 1984, **67A**, 509; **67B**, 688
Galasko, C.S.B., *ed*. Principles of fracture management, 1984, **68B**, 169
Gale, R.P., *ed*. Recent advances in bone marrow transplantation, 1983, **66B**, 624
Gatter, R. A practical handbook of joint fluid analysis, 1984, **66A**, 814
Gerhardt, J.J., King, P.S. and Zettl, J.H. Amputations: immediate and early prosthetic management, 1982, **65A**, 141; **65B**, 230
Gerhart, J.J. et al., *eds*. Interdisciplinary rehabilitation in trauma, 1987, **69A**, 798
Gershwin, M.E. and Robbins, D.L., *eds*. Musculoskeletal diseases of children, 1983, **67B**, 164
Ghadially, F.N. Fine structure of synovial joints: a text and atlas of the ultrastructure of normal and pathological articular tissues, 1983, **66B**, 311
Ghista, D.N. Spinal cord injury medical engineering, 1986, **69A**, 797
Ghista, D.N. and Roaf, R., *eds*. Orthopaedic mechanics: procedures and devices, vols. 2 and 3, 1981, **65B**, 108
Goldberg, M.J. The dysmorphic child, 1987, **69A**, 1309
Goldman, A.B., Dines, D., and Warren, R.F. Shoulder arthrography: technique, diagnosis, and clinical correlations, 1982, **65A**, 717
Gossling, H.R. and Pillsbury, S.L., *eds*. Complications of fracture management, 1984, **66A**, 1502
Gozna, E.R. and Harrington, I.J., *eds*. Bio-mechanics of musculoskeletal injury, 1982, **65B**, 370
Grana, W.A., *ed*. Update in arthroscopic techniques, 1984, **67B**, 343
Green, D.P., *ed*. Operative hand surgery, vols. 1 and 2, 1982, **65A**, 142; **65B**, 527
Green, S.A. Complications of external skeletal fixation: causes, prevention and treatment, 1981, **65B**, 528
Gruebel Lee, D.M. Disorders of the hip, 1983, **65A**, 1214
Gustilo, R.B. Management of open fractures and their complications, 1982, **65B**, 230
Hadju, S.I. Differential diagnosis of soft tissue and bone tumors, 1986, **68A**, 797
Hall, A.J. and Stenner, R.W. Manual of fracture bracing, 1985, **68B**, 343
Hamilton, W.C., *ed*. Traumatic disorders of the ankle, 1984, **66A**, 1150
Hardy, R.W., *ed*. Seminars in neurological surgery: lumbar disc disease, 1982, **65B**, 371
Harris, J.H. and Harris, W.H. The radiology of emergency medicine, 1981, **65B**, 230
Harris, N.H., *ed*. Postgraduate textbook of clinical orthopaedics, 1983, **66A**, 1150; **66B**, 620
Harris, W.H., *ed*. Advanced concepts in total hip replacement, 1985, **68B**, 166

* Indicates full article or appreciable part

Book reviews (*continued*):
Hastings, D.E. The hand: diagnosis and indications, 2nd edition, 1984, **67A**, 174
Haughton, V.M. and Williams, A.L. Computed tomography of the spine, 1982, **65B**, 371
Haughton, V.M., *ed*. Computed tomography of the spine, 1983, **66B**, 793
Heim, U. and Pfeiffer, K.M. Small fragment set manual, 1982, **65B**, 680
Helfet, A.J. Disorders of the Knee, 2nd edition, 1982, **65A**, 286; **65B**, 106
Hempel, D and Fischer, S. Intramedullary nailing, 1982, **65B**, 680
Hensinger,, R.N., *ed*. Standards in pediatric orthopaedics, 1986, **69B**, 170
Hierholzer, G. and Müller, K.H., *eds*. Corrective osteotomies of the lower extremity after trauma, 1985, **68A**, 638; **68B**, 859
Hierholzer, G., Rüedi, Th., Allgöwer, M. and Schatzker, J. Manual on the AO/ASIF tubular external fixator, 1985, **67B**, 852
Holt, P.J.L., *ed*. Clinics in rheumatic diseases: vol.7, no.3. Endocrine and metabolic aspects of rheumatic disease, 1981, **65B**, 231
Hooper, G. A colour atlas of minor operations on the hand, 1985, **68B**, 171
Hoppenfield, S. and deBoer, P. Surgical exposures in orthopaedics: the anatomic approach, 1984, **66A**, 1502; **67B**, 513
Houghton, G.R. and Thompson, G.H., *eds*. Problematic musculoskeletal injuries in children, 1983, **66B**, 465
Huckstep, R.L. A simple guide to trauma, 3rd edition, 1982, **65B**, 372
Hueston, J.T. and Tubiana, R., *eds*. Dupuytren's disease, 2nd edition, 1986, **69B**, 514
Hughes, S., *ed*. The basis and practice of traumatology, 1983, **65B**, 681
Hughes, S.P.F. and Fitzgerald, R.H., Jr., *eds*. Musculoskeletal infections, 1986, **69B**, 514
Hughes, S.P.F., *ed*. Current operative surgery: orthopaedics and trauma, 1985, **68A**, 1134; **68B**, 514
Hughston, J.C., Walsh, W.M. and Puddu, G. Patellar subluxation and dislocation (Saunders monographs in clinical orthopaedics, Vol.5), 1984, **66A**, 974; **67B**, 168
Hungerford, D.S., *ed*. The Hip: proceedings of the 11th open scientific meeting of The Hip Society, 1983, **67B**, 167
Hungerford, D.S., Krackow, K.A. and Kenna, R.V., *eds*. Total knee arthroplasty: a comprehensive approach, 1984, **66A**, 973, 1495(*correspondence*); **67B**, 343
Hunter, J.M. et al., *eds*. Tendon surgery in the hand, 1987, **69A**, 798
Hunter, J.M., Schneider, L.H., Mackin, E.J. and Callahan, A.D., *eds*. Rehabilitation of the hand, 2nd edition, 1984, **67B**, 342
Hunter, L.Y. and Funk, F.J., *eds*. Rehabilitation of the injured knee, 1984, **67A**, 669; **68B**, 167
Imhauser, G. The idiopathic clubfoot and its treatment, 1986, **69A**, 158
Inglis, A.E., *ed*. American Academy of Orthopaedic Surgeons: symposium on total joint replacement of the upper extremity, 1982, **65B**, 683
Insall, J.N., *ed*. Surgery of the knee, 1984, **66A**, 812; **67B**, 169
Jackson, D.W. and Drez. D., Jr., *eds*. The anterior cruciate deficient knee: new concepts in ligament repair, 1987, **69A**, 1118
Jackson, J.P. and Waugh, W., *eds*. Surgery of the knee joint, 1984, **66B**, 796; **67A**, 174
Jahss, M.H. Disorders of the foot, vols. 1 and 2, 1982, **65B**, 106
Jenkins, D.H.R., *ed*. Ligament injuries and their treatment, 1985, **68B**, 688
Kassity, K.J., McKittrick, J.E. and Preston, F.W., *eds*. Manual of ambulatory surgery, 1982, **66B**, 153
Katz, J.F. Legg–Calvé–Perthes disease, 1984, **67B**, 516
Katz, J.F. and Siffert, R.S., *eds*. Management of hip disorders in children, **66B**, 795
Katznelson, A. and Nerubay, J., *eds*. Progress in clinical and biological research, vol. 99: Osteosarcoma, new trends in diagnosis and treatment, 1982, **65B**, 682
Kay, N.R.M. Complications of total joint replacement, 1985, **68B**, 859
Keats, T.E. Atlas of normal roentgen variants that may simulate disease, 3rd edition, 1984, **66A**, 1502
Keim, H.A. The adolescent spine, 2nd edition, 1982, **65B**, 679
Kelikian, H. and Kelikian A.S. Disorders of the ankle, 1985, **68B**, 168
Kelley, W.N., Harris, E.D., Jr., Ruddy, S. and Sledge, C.B., *eds*. Textbook of rheumatology, 2nd edition, 1985, **68B**, 513
Kelsey, J.L. Epidemiology of musculoskeletal disorders, 1982, **65A**, 717
Kessel, L. Clinical disorders of the shoulder, 1981, **65A**, 286
Kiene, R.H. and Johnson, K.A., *eds*. Symposium on the foot and ankle, 1983, **65A**, 1036
Kirkaldy-Willis, W.H. Managing low back pain, 1983, **66A**, 318; **66B**, 624
Klenerman, L., *ed*. The foot and its disorders, 2nd edition, 1982, **65A**, 1360; **66B**, 311
Kozak, G.P., Hoar, C.S., Jr, Rowbotham, J.L., Wheelock, F.C., Jr, Gibbons, G.W. and Campbell, D., *eds*. Management of diabetic foot problems, 1984, **67B**, 514
Krakauer, L.J. et al., *eds*. 1985 Year book of sports medicine, 1986, **68B**, 516
Kricun, R. and Kricun, M.E. Computed tomography of the spine: diagnostic exercises, 1987, **69A**, 797
Kulund, D.N. The injured athlete, 1982, **65A**, 718
Lamb, D.W. A colour atlas of the surgery of flexor tendon injuries of the hand, 1984, **67B**, 688
Lamb. D.W., *ed*. The paralysed hand, 1987, **69A**, 958

Book reviews (*continued*):
Laskin, R.S. Denham, R.A. and Apley, A.G. Replacement of the knee, 1984, **67A**, 350; **67B**, 686
Lee, A.J.C. et al., *eds*. Advances in biomaterials, vol. 4: clinical applications of biomaterials, 1982, **65B**, 370
Lee, D.M.G. and Hirsch, D.M. Disorders of the hip, 1983, **66B**, 795
Leffert, R.D. Brachial plexus injuries, 1985, **68A**, 1310; **68B**, 859
Levy, S.W. Skin problems of the amputee, 1983, **66A**, 638
Ling, R.S.M., *ed*. Complications of total hip replacement, 1984, **67B**, 687
Lippert, F.G., III and Farmer, J.A., *eds*. Psychomotor skills in orthopaedic surgery, 1984, **67A**, 669; **67B**, 513
Lister, G. The hand: diagnosis and indications, 2nd edition, 1984, **67B**, 169
Loach, A. Anaesthesia for orthopaedic patients, 1983, **66B**, 464
Louis, R. Surgery of the spine: surgical anatomy and operative approaches, 1983, **65A**, 1360
Lovell, W. and Winter R.B., *eds*. Pediatric orthopaedics, 2nd edition, vols. 1 and 2, 1986, **68A**, 1133
Maatz, R., et al., *eds*. Intramedullary nailing and other intramedullary osteosyntheses, 1986, **69A**, 317; **69B**, 515
Mann, R.A., *ed*. Surgery of the foot, 5th edition, 1986, **69B**, 171
McCulloch, J.A. and Macnab, I. Sciatica and chymopapain, 1983, **66A**, 156; **67B**, 168
McDougall, D.J. A handbook of experiences with the application of wrist, hand and finger orthoses, 1986, **68B**, 516
McGraw, J.B. and Arnold, P.G. McGraw and Arnold's atlas of muscle and musculocutaneous flaps, 1986, **69A**, 477
Machleder, H.I., *ed*. Vascular disorders of the upper extremity, 1983, **66B**, 468
McKibbin, B., *ed*. Recent advances in orthopaedics, Number 4, 1983, **66B**, 619
McMaster, J.H. The ABC's of sports medicine, 1982, **65A**, 142; **65B**, 372
McMinn, R.M.H. A colour atlas of applied anatomy, 1984, **67B**, 341
McMinn, R.M.H., Hutchings, R.T. and Logan, B.M. A colour atlas of foot and ankle anatomy, 1982, **65B**, 232
Macnicol, M.F. Aids to orthopaedics, 1984, **67B**, 688
Macnicol, M.F. and Lamb, D.W. Basic care of the injured hand, 1984, **67B**, 515
McRae, R. Clinical orthopaedic examination, 2nd edition, **66B**, 155
Malluche, H.H. and Faugere, M.-C. Atlas of mineralised bone histology, 1986, **69A**, 317
Maquet, P.G.J. Biomechanics of the hip: as applied to osteoarthritis and related conditions, 1985, **68B**, 166
Maquet, P.G.J. Biomechanics of the knee: with application to the pathogenesis and the surgical treatment of osteoarthritis, 2nd edition, 1984, **66A**, 478
Marcove, R.C. The surgery of tumors of bone and cartilage, 2nd edition, 1984, **67A**, 829
Marcus, R.E., *ed*. Trauma in children, 1986, **69A**, 638
Marcus, S.A. and Block, B.H., *eds*. Complications in foot surgery: prevention and management, 2nd edition, 1984, **67B**, 514
Matev, I.B. Reconstructive surgery of the thumb, 1983, **66B**, 623
Mathes, S.J. and Nahai, F., *eds*. Clinical applications for muscle and musculocutaneous flaps, 1982, **65A**, 430; **65B**, 682
May, H.L., *ed*. Emergency medicine, 1984, **67B**, 166
Meals, R.A. and Lesavoy, M.A. Hand surgery review, 1981, **65A**, 717
Mears, D.C. External skeletal fixation, 1983, **65A**, 1214; **66B**, 309
Mears, D.C. and Rubash, H.E. Pelvic and acetabular fractures, 1986, **68A**, 1310
Meisel, A.D. and Bullough, P.G. Atlas of osteoarthritis, 1984, **67A**, 989
Meyers, M.H. Fractures of the hip, 1985, **68A**, 478; **68B**, 516
Meyers, M.H., *ed*. The multiply injured patient with complex fractures, 1984, **66A**, 1325; **67B**, 166
Micheli, L.J., *ed*. Pediatric and adolescent sports medicine, 1984, **66A**, 813; **67B**, 172
Milford, L. The hand, 2nd edition, **66B**, 156
Moberg, E. Splinting in hand therapy, 1984, **67B**, 342
Moll, J.M.H. Management of rheumatic disorders, 1983, **67B**, 170
Morrey, Bernard, F. The elbow and its disorders, 1985, **69A**, 318
Morscher, E., *ed*. Cementless fixation of hip endoprostheses, 1984, **66A**, 813
Motamed, H.A. Anatomy, radiology and kinesiology of Hand-Unit. Second edition, 1982, **65B**, 372
Muckle, D.S. An outline of fractures and dislocations, 1985, **68B**, 343
Müller, W. The knee: form, function and ligament reconstruction, 1983, **65A**, 1037; **66B**, 311
Murray, D.G., *ed*. American Academy of Orthopaedic Surgeons: instructional course lectures, vol. 30, 1981, **65B**, 528
Nance, E.P., Jr., Heller, R.M., Kirchner, S.G. and Kaye, J.J. Advanced exercises in diagnostic radiology 17: emergency radiology of the pelvis and lower extremity, 1983, **67B**, 344
Newton, T.H. and Pitts, D.G., *eds*. Computed tomography of the spine and spinal cord, 1983, **66A**, 478; **66B**, 793
Nickel, V.L., *ed*. Orthopaedic rehabilitation, 1982, **65A**, 572; **65B**, 683
Nixon, H.H., Waterston, D. and Wink, C.A.S., *eds*. Selected writings of Sir Denis Browne, 1983, **66B**, 624

* Indicates full article or appreciable part

Book reviews (*continued*):
Nordin, B.E.C., *ed*. Metabolic bone and stone disease, 2nd edition, 1984, **67B**, 171
Norkin, C.C. and White, D.J. Measurement of joint motion: a guide to goniometry, 1985, **68B**, 172
Nursing Photobook Series. Working with orthopaedic patients, 1982, **65A**, 142
Oestreich, A.E. and Crawford, A.H. Atlas of pediatric orthopaedic surgery, 1985, **68A**, 798
Ogden, J. Pocket guide to pediatric fractures, 1987, **69A**, 1118
Ogden, J.A. Skeletal injury in the child, 1982, **65B**, 525
Ogilvie-Harris, D.J. and Lloyd, G.J., *eds*. Personal injury, 1986, **69B**, 688
Ortner, D.J. and Putschar, W.G.J. Identification of pathological conditions in human skeletal remains, 1981, **65B**, 231
Pandey, S. Intra-articular & allied injections, 1982, **66B**, 468
Panush, R.S., *ed*. Principles of rheumatic diseases, 1981, **65B**, 107
Paterson, C.R. and MacLennan, W.J. Bone disease in the elderly, 1984, **67B**, 516
Paterson, J.K. and Burn, L. An introduction to medical manipulation, 1985, **68B**, 169
Pavlov, H., Ghelman, B. and Vigorita, V.J. Atlas of knee menisci: an arthrographic-pathologic correlation, 1983, **66B**, 795
Perren, S.M. and Schneider, E., *eds*. Biomechanics: current interdisci plinary research, 1985, **68B**, 515
Pettersson, H. and Gilbert, M.S. Diagnostic imaging in haemophilia: musculoskeletal and other hemorrhagic complications, 1985, **68B**, 172
Pettersson, H. and Harwood-Nash, D.C.F. CT and myelography of the spine and cord: techniques, anatomy and pathology in children, 1982, **65A**, 717
Pettrone, F.A., *ed*. American Academy of Orthopaedic Surgeons: symposium on upper extremity injuries in athletes, 1986, **68A**, 958
Pickett, J.C. and Radin, E.L., *eds*. Chondromalacia of the patella, 1983, **67B**, 687
Pope, M.H., Frymoyer, J.W. and Andersson, G., *eds*. Occupational low back pain, 1984, **67A**, 990; **68B**, 169
Porter, R.W. Management of back pain, 1986, **69B**, 515
Porter, R.W. Understanding back pain, 1983, **66B**, 467
Post, M. Physical examination of the musculoskeletal system, 1987, **69A**, 798
Post, M.J.D., *ed*. Computed tomography of the spine, 1984, **67B**, 341
Powell, M., *ed*. Orthopaedic nursing and rehabilitation, 9th edition, 1986, **69B**, 170
Poznanski, A.K. The hand in radiologic diagnosis, 2nd edition, 1984, **66A**, 1326
Ranawat, C.S., *ed*. Total-condylar knee arthroplasty: technique, results, and complications, 1985, **68A**, 957; **68B**, 687
Rang, M., *ed*. Children's fractures, 2nd edition, 1982, **65A**, 718; **66B**, 464
Regazzoni, P., Rüedi, Th., Winquist, R. and Allgöwer, M. The dynamic hip screw implant system, 1985, **68B**, 172
Regnauld, B. The foot, 1986, **69B**, 514
Reid, D.A.C. and McGrouther, D.A. Surgery of the thumb, 1986, **68A**, 797
Reid, D.A.C. and Tubiana, R., *eds*. Mutilating injuries of the hand, 2nd edition, 1984, **67A**, 350; **67B**, 342
Reid, S.E. and Reid, S.E., Jr. Head and neck injuries in sport, 1984, **67A**, 510
Revell, P.A. Pathology of bone, 1986, **68A**, 638; **68B**, 687
Robin, G.C., Makin, M. and Steinberg, R., *eds*. Osteoporosis, 1983, **66A**, 156
Rockwood, C.A. et al., *eds*. Fractures, 2nd edition, 1984, **68A**, 158
Rodrigo, J.P. Orthopaedic surgery: basic science and clinical science, 1985, **68A**, 957; **69B**, 170
Rogers, L.F., *ed*. Radiology of skeletal trauma, vols. 1 and 2, 1982, **65A**, 430; **65B**, 681
Rothman, R.H. and Simeone, F.A., *eds*. The spine, Vols. 1 and 2, 2nd edition, 1982, **65B**, 526
Rothschild, B.M. Rheumatology: a primary care approach, 1982, **66B**, 621
Rüedi, T., von Hochstetter, A. and Schlumpf, R. Surgical approaches for internal fixation, 1984, **66A**, 638
Rushton, N., Greatorex, R.A. and Broughton, N.S. Colour atlas of surgical exposures of the limbs, 1985, **68B**, 168
Sabiston, D.C., Jr., *ed*. Textbook of surgery: the biological basis of modern surgical practice, 1986, **68B**, 860
Saha, A.K. Recurrent dislocation of the shoulder: physiopathology and operative corrections, 2nd edition, 1981, **66B**, 312
Salter, R.B. Textbook of disorders and injuries of the musculoskeletal system, 2nd edition, 1983, **66A**, 157; **66B**, 620
Sanders, G.T. Lower limb amputations: a guide to rehabilitation, 1985, **68A**, 958; **69B**, 171
Sandzén, S.C., Jr. Atlas of wrist and hand fractures, 2nd edition, 1986, **68A**, 1133; **69B**, 170
Sandzén, S.C., Jr., *ed*. Current management of complications in orthopaedics, 1985, **68A**, 157
Sandzén, S.C., Jr., *ed*. The hand and wrist, 1985, **68B**, 515
Sarrafian, S.K. Anatomy of the foot and ankle: descriptive, topographic, functional, 1983, **65A**, 1361; **66B**, 796

Book reviews (*continued*):
Schafer, M.F. and Dias, L.S. Myelomeningocele: orthopaedic treatment, 1983, **66B**, 794
Schatzker, J., *ed*. The intertrochanteric osteotomy, 1984, **67A**, 509; **68B**, 687
Schauwecker, F. Practice of osteosynthesis: primary care. An accident surgery atlas -ligaments, joints, bones, 2nd edition, 1982, **65A**, 572
Schneider, L.H. Flexor tendon injuries, 1985, **67A**, 1149
Schneider, R.C., Kennedy, J.C. and Plant, M.L., *eds*. Sports injuries, 1986, **69B**, 171
Schnitzlein, H.N. and Murtagh, F.R. Imaging anatomy of the head and spine: a photographic color atlas of MRI, CT, gross and microscopic anatomy in axial, coronal, and sagittal planes, 1985, **68A**, 157
Schramm, J. and Jones, S.J., *eds*. Spinal cord monitoring, 1985, **68A**, 957
Scoles, P.V. Pediatric orthopaedics in clinical practice, 1982, **65A**, 141
Scott, J.T., *ed*. Copeman's textbook of the rheumatic disease, 6th edition, 1986, **69B**, 859
Scott, W.N., Nisonson, B. and Nicholas, J.A., *eds*. Principles of sports medicine, 1984, **67A**, 829; **67B**, 851
Sculco, T.P., *ed*. Orthopaedic care of the geriatric patient, 1985, **67A**, 989
Segal, P. and Jacob, M. The knee, 1984, **68B**, 167
Segelov, P.M., *ed*. Manual of emergency orthopaedics, 1986, **69B**, 688
Seimon, L.P. Low back pain: clinical diagnosis and management, 1983, **66A**, 477, 1144(*correspondence*); **67B**, 168
Seligson, D., *ed*. Concepts in intramedullary nailing, 1985, **67A**, 1455
Seligson, D. and Pope, M. Concepts in external fixation, 1982, **65B**, 108
Sevastik, J. and Goldie, I., *eds*. The young patient with degenerative hip disease, 1985, **68A**, 1309; **69B**, 171
Shahriaree, H., *ed*. O'Connor's textbook of arthroscopic surgery, 1983, **66A**, 1326; **67B**, 169
Shapiro, R. Myelography, 4th edition, 1984, **66A**, 974
Shields, C.L., Jr., *ed*. Manual of sports surgery, 1987, **69A**, 958
Shizhen, Z., Yongjian, H. and Wenchum, Y., *eds*. Microsurgical anatomy, 1985, **68B**, 860
Silber, S.J., *ed*. Microsurgery, 1979, **68B**, 344
Sim, F.H. Diagnosis and treatment of bone tumors: a team approach. A Mayo Clinic Monograph, 1983, **65A**, 878
Sissons, H.A., Murray, R.O. and Kemp, H.B.S. Orthopaedic diagnosis: clinical, radiological, and pathological coordinates, 1984, **67A**, 989; **67B**, 512
Smillie, I.S. A colour atlas of traditional meniscectomy, 1983, **66B**, 467
Smith, N.J., *ed*. Sports medicine: health care for young athletes, 1983, **66A**, 813
Smith, R., Francis, M.J.O. and Houghton, G.R. The brittle bone syndrome: osteogenesis imperfecta, 1983, **66A**, 156; **66B**, 465
Soeur, R. Fractures of the limbs: the relationship between mechanism and treatment, 1981, **65A**, 573
Sokoloff, L., *ed*. Clinics in rheumatic diseases, 1986, **68B**, 688
Somerville, E.W. Displacement of the hip in childhood, 1982, **65B**, 106
Spengler, D.M. Low back pain: assessment and management, 1982, **65A**, 572; **65B**, 526
Sperryn, P.N. Sport and medicine, 1983, **66B**, 312
Spiegel, P.G., *ed*. Topics in orthopaedic trauma, 1984, **67B**, 165
Spinner, M., *ed*. Kaplan's functional and surgical anatomy of the hand, 3rd edition, 1984, **66A**, 1503
Stauffer, E.S., *ed*. Instructional course lectures, Vol. 34, 1986, **68B**, 860
Steinmetz, N.D. MRI of the lumbar spine: a practical approach to image interpretation, 1986, **69A**, 637
Stewart, J.D.M. and Hallet, J.P. Traction and orthopaedic appliances, 2nd edition, 1983, **66B**, 794
Stoll, B.A. and Parbhoo, S., *eds*. Bone metastasis: monitoring and treatment, 1983, **66A**, 477; **66B**, 465
Strickland, J.W. and Steichen J.B., *eds*. Difficult problems in hand surgery, 1982, **65B**, 527
Sugarbaker, P.H. and Nicholson, T.H., *eds*. Atlas of extremity sarcoma surgery, 1984, **67A**, 990
Sumner-Smith, G., *ed*. Bone in clinical orthopaedics, 1982, **65B**, 107
Sutherland, D.H. Gait disorders in childhood and adolescence, 1984, **67B**, 516
Sutton, J.C., *ed*. Current concepts in chemonucleolysis: the Royal Society of Medicine International Congress and Symposium Series No. 72, 1985, **68B**, 171
Tachdjian, M.O., *ed*. Congenital dislocation of the hip, 1982, **65A**, 285; **65B**, 526
Taleisnik, J. The wrist, 1986, **68B**, 859
Tile, M. Fractures of the pelvis and acetabulum, 1984, **66A**, 1325; **67B**, 167
Trickey, E.L. and Hertel, P., *eds*. Surgery and arthroscopy of the knee, 1986, **69A**, 317
Tronzo, R.G., *ed*. Surgery of the hip joint, 2nd edition, 1984, **68B**, 513
Tscherne, H. and Gotzen, L., *eds*. Fractures with soft tissue injuries, 1984, **67B**, 686
Tubiana, R., *ed*. The hand, vol.1, 1981, **67A**, 830
Tubiana, R., *ed*. The hand, vol.2, 1985, **68B**, 168
Turek, S.L. Orthopaedics: principles and their application, 4th edition, 1984, **67B**, 512

* Indicates full article or appreciable part

Book reviews (*continued*):
Turner, R.H. and Scheller, A.D. Jr, *eds*. Revision total hip arthroplasty, 1982, **66B**, 152
Uhthoff, H.K. and Stahl, E., *eds*. Current concepts of diagnosis and treatment of bone and soft tissue tumors, 1984, **66A**, 1325; **67B**, 515
Uhthoff, H.K. and Stahl, E., *eds*. Current concepts of external fixation of fractures, 1982, **65A**, 877; **65B**, 370
Uhthoff, H.K. and Stahl, E., *eds*. Current concepts of infections in orthopaedic surgery, 1985, **68B**, 342
Uhthoff, H.K., *ed*. Current concepts of bone fragility, 1986, **69A**, 477
van Rens, Th.J.G., *ed*. Electric and electromagnetic stimulation of bone growth, 1985, **68B**, 171
Vidić, B. and Suarez, F.R. Photographic atlas of the human body, 1984, **67B**, 166
Vincenzini, P. Ceramics in surgery, 1983, **66B**, 624
von Torklus, D. and Nicola, T., *eds*. Atlas of orthopaedic exposures, 2nd edition, 1986, **69A**, 158; **69B**, 515
Wackenheim, A. and Dietemann, J.-L. Radiodiagnostic du rachis lombaire (Diagnostic radiology of the lumbar spine), 1986, **69A**, 637
Wainwright, D. Arthritis and rheumatism: what they are – what you can do to help yourself, 1982, **65B**, 371
Watanabe, M., *ed*. Arthroscopy of small joints, 1985, **68A**, 1134; **69B**, 860
Watkins, R.G. Surgical approaches to the spine: an atlas of surgical anatomy, 1983, **65A**, 1213
Watson, M., *ed*. Practical shoulder surgery, 1985, **68B**, 343
Watson, N. Practical management of musculo-skeletal emergencies, 1985, **68B**, 344
Watson, N. and Smith, R.J. Methods and concepts in hand surgery, 1986, **69A**, 317
Watson, N. and Smith, R.J., *eds*. Methods and concepts in hand surgery, 1986, **69B**, 860
Weber, B.G. and Magerl, F. The external fixator: AO/ASIF threaded rod system spine fixator, 1985, **67A**, 1310; **68B**, 342
Weissman, S.D., *ed*. Radiology of the foot, 1983, **67B**, 514
Welch, R.B., *ed*. The hip: proceedings of the 12th open scientific meeting of The Hip Society, 1984, **67B**, 852
Welsh, R.P. and Shephard, R.J. Current therapy in sports medicine 1985-86, 1985, **69B**, 516
White, A.H. Back school and other conservative approaches to low back pain, 1983, **65A**, 877
White, A.H. Spine, 1986, **69B**, 860
Whittle, M. and Harris, D., *eds*. Biomechanical measurement in orthopaedic practice, 1985, **69A**, 1118
Whittle, M., *ed*. Biomechanical measurement in orthopaedic practice, 1985, **68B**, 514
Wiesel, S.W., Bernini, P. and Rothman, R.H. The aging lumbar spine, 1982, **65B**, 679
Wilgis, E.F.S. Vascular injuries and diseases of the upper limb, 1983, **66B**, 622
Wilkinson, J.A. Congenital displacement of the hip joint, 1985, **68A**, 157; **68B**, 513
Williams, P.F., *ed*. Orthopaedic management in childhood, 1982, **65A**, 1213; **65B**, 525
Williams, T.F., *ed*. Rehabilitation in the aging, 1984, **66B**, 796
Wilson J.N., *ed*. Watson-Jones fractures and joint injuries, 6th edition, vols. 1 and 2, 1982, **65B**, 680
Wilson, D.H. and Flowers, M.W. Accident and emergency handbook, 1985, **68B**, 344
Wilson, F.C., *ed*. The musculoskeletal system: basic processes and disorders, 2nd edition, 1982, **65A**, 573
Winter, R.B. Congenital deformities of the spine, 1983, **66A**, 157
Wolfe, R.D. Knee arthrography: a practical approach, 1984, **67B**, 343
Wolff, J. The law of bone remodelling, 1986, **69A**, 478
Wright, V., *ed*. Bone and joint disease in the elderly, 1983, **66B**, 466
Wright, V., *ed*. Clinics in rheumatic diseases: measurement of joint movement. Vol.8, No.3, 1982, **66B**, 621
Wu, K.K. Diagnosis and treatment of polyostotic spinal tumors, 1982, **65A**, 285
Wyke, B., *ed*. A back pain bibliography, 1983, **65B**, 679
Wynn Parry, C.B., *ed*. Clinics in rheumatic diseases, vol. 10, no. 3: the hand, 1984, **68B**, 168
Wynne-Davies, R., Hall, C.M. and Apley, A.G. Atlas of skeletal dysplasia, 1986, **69B**, 172
Yablon, I.G., Segal, D. and Leach, R.E., *eds*. Ankle injuries, 1983, **65A**, 877; **66B**, 154
Zarins, B., Andrews, J.R. and Carson, W.G., Jr., *eds*. Injuries to the throwing arm, 1985, **67A**, 1454
Zuidema, G.D. Rutherford, R.B. and Ballinger, W.E. The management of trauma, 4th edition, 1985, **68B**, 344
Boot, pneumatic-compression, malfunction causing compartment syndrome, **68A**, *1445
Borrelia burgdorferi, and Lyme arthritis, **69A**, 96
Bose, K., appointed to Chair of Orthopaedic Surgery, University of Singapore, **66B**, 305
Boston brace, **67B**, 173
in management of adolescent idiopathic scoliosis, biomechanical effectiveness, **69B**, 852
Bousquet total hip arthroplasty, **69B**, 509
Boutonnière-type knee deformity, following patellectomy and manipulations, **66A**, *137
Bovine bone morphogenetic protein (BMP) implant, inducing bone repair in ulnar defects, experimental study, **68B**, *635
Bovine xenograft, in prosthetic replacement of anterior cruciate ligament in rabbit, **69B**, *312
Brace(s)
see also Orthoses
Boston, biomechanical effectiveness in management of scoliosis, **69B**, 852
compliance, in adolescent idiopathic scoliosis, **69B**, 852
in prevention of injury in collegiate football, **69A**, 1(*editorial*), *2, 1467(*correspondence*)
Milwaukee, late results, **69B**, 852
part-time, in in treatment of idiopathic scoliosis, **68A**, *738
Brachial artery, damage to, accompanying closed posterior dislocation of elbow, **67B**, *378
Brachial neuritis, **67A**, *878
Brachial plexus
infraclavicular, closed injuries, **67B**, *630
injuries, **68B**, 6
– birth
– – repair in babies and young children, **66B**, 451
– – rotation osteotomy of humerus for, **66B**, *257
– conversion paralysis simulating, **67B**, *635
– intraclavicular, primary repair, **69B**, 489
– methods of repair, **68B**, 8
– traction, computerised tomography in, **68B**, *734
– treatment, elbow flexion reconstructive procedures, **69B**, 488
– vascularisation of ulnar nerve grafts in, **67B**, 494
neuropathy, **68B**, 848
palsy, shoulder fusion in management of, **67B**, 336
post-irradiation neuritis, **68B**, 6
pre-and post-ganglionic injury, **68B**, 7
terminal branches, injuries, **67B**, *630
Brachialgia and cord syndrome, operations for, **67B**, *609
Brachydactyly, **68B**, 156
Breast
see also Mammary
prostheses, silicone-gel, rupture associated with pseudotumour of arm, **65A**, *548
Brief reports for The Journal, **68B**, 517
Bristol University, appointment of Louis Solomon to Chair in Orthopaedic Surgery, **67B**, 681
Bristow operation
for recurrent dislocation of shoulder, **65B**, 101; **67B**, 327
– modified, neurovascular complications, **66A**, *951
for shoulder instability, in adolescents, **67A**, *383
Bristow–Helfet–May procedure, for recurrent shoulder dislocation or subluxation, **69A**, *904
Bristow–Latarjet operation, for recurrent dislocation of shoulder, **65A**, *926
British Association for Surgery of the Knee
meetings, **67B**, 155; **68B**, 841; **69B**, 159, 849
British Orthopaedic Association
election of Fellows, etc, **65B**, 228; **66B**, 149, 616; **67B**, 154, 501; **68B**, 162, 683; **69B**, 158
Honorary Fellowship presented to A. Graham Apley, **68B**, 658
meetings, **65B**, 213; **66B**, 140, 276; **67B**, 140, 483; **68B**, 154, 658; **69B**, 152, 486
presidential addresses, **65B**, 213; **67B**, 483; **68B**, 658; **69B**, 486
Robert Jones lecture, **68B**, 662
Watson-Jones Lecture, **67B**, *140
British Orthopaedic Foot Surgery Society
meetings, **66B**, 772; **67B**, 670; **68B**, 843; **69B**, 158
British Orthopaedic Research Society
meetings, **65B**, 89, 364, 656; **66B**, 287; **67B**, 158, 317; **68B**, 495, 839; **69B**, 494
British Scoliosis Society, meeting, **69B**, 851
British Society for Children's Orthopaedic Surgery, meetings, **69B**, 498, 850
Brooker–Wills distal locking intramedullary nail, in treatment of femoral shaft fractures, **68A**, *865
Broviac central venous catheter, for intravenous antibiotic therapy, **67A**, *1108
Brown–Séquard syndrome, operations for, **67B**, *609
Brucellosis, of spine, *see* Spine, brucellosis
Bryant's traction, in femoral shaft fractures in children, **65B**, *288
Bullet, retained, progressive destruction of joint due to lead arthropathy, **66A**, *292
Bullet wounds, *see* Injuries, gunshot
Bunionectomy, McBride procedure, **66B**, 772
Bunions
dorsal, in children, **65A**, *975
free osteocartilaginous grafts, **67B**, 326
in children, treatment with modified Mitchell osteotomy, **67B**, 334
outpatient surgery under local anaesthesia, **68B**, 679
surgery, complications, **69B**, 685
surgical principles, **65A**, *1026(*current concepts review*)

Burkitt's lymphoma, in appendicular skeleton, **65B**, 464
Burns, Bryan Hartop, **67B**, 665(*obituary*)
Burns
bony ankylosis of elbow after, **67B**, *747
in operating theatre, due to hot autoclaved instruments, **66B**, 778
severe, in children, skeletal suspension in management of, **68A**, *1375
Bursitis, of olecranon, tuberculous, **67A**, *1127
Bursography, subacromial, in diagnosis of shoulder impingement, **68B**, 675
Bursoscopy, subacromial, in painful shoulder, **67B**, 495
Burst fractures, *see* Fractures, burst
Butler, Richard Weeden, **65B**, 362(*obituary*)
Buttonhole deformity, of finger, **68B**, *229
Butyrophenones, in treatment of pain, **67A**, *337(*current concepts review*)

C

CAD hip arthroplasty, **68A**, *640
Cadmium telluride detector, in technetium scanning, **68B**, *643
Caecum, fistula between hip and, **66B**, *603
Caffey's disease (infantile cortical hyperostosis), pathology, **67A**, *1417
Caisson disease, of talus, **69B**, *847(*brief report*)
Calcaneal tendon, *see* Achilles tendon
Calcaneocuboid joint, osteotomy, **67A**, *1050
Calcaneonavicular bars, symptomatic, results 20 years after surgical excision, **68B**, *128
Calcaneovalgus deformity of foot, congenital dislocation of peroneal tendons in, **65B**, *316
Calcaneus
elongation of, for flat feet, **65B**, *15
fractures
– CT scanning of, **69B**, 159
– displaced intra-articular
– – early motion, **69A**, *115
– – treatment
– – – internal fixation, **69A**, *115
– – – medial and lateral approaches, **69A**, *115
– in children, **66B**, 302
– intra-articular displaced, **67B**, 326
– results of treatment, **67B**, 326
– severely displaced, conservative management, long-term results, **66B**, 286, *386
osteomyelitis, in newborn, growth disturbance of heel following, **68A**, *302
osteotomy, **67A**, *1050
pin traction and subtalar joint, **67B**, 146
prominence, results of operation, **68B**, *467
trabecular pattern of, as index of osteoporosis, **65B**, *195
Calcification
enchondral, in healing of experimentally produced fractures, **68B**, *629
fronts
– in articular cartilage, morphology of, **65B**, *72
– measurement of tissue pH at, by ^{31}P NMR spectroscopy, **67B**, 154
in upper limb of neonate, due to extravasation of injected calcium solution, **65A**, *558
Calcinosis circumscripta, **68A**, *297
Calcitonin
in treatment of neurogenic claudication, **66B**, 278
precursor, identification and characterisation of, **65B**, 92
Calcium
determinations of transport, **67A**, *115
endogenous cellular content, **67A**, *116
hypocalcaemia, convulsion secondary to, bilateral fracture of femoral neck during, **67B**, *536
in fracture callus, histochemical localisation with potassium pyroanti monate, **68A**, *703
in growth-plate chondrocytes, hyaline-cartilage chondrocytes, and hepa tocytes, **67A**, *113
in treatment of osteopenia and bone quality defect, **66B**, 288
Calcium aluminate, in bone replacement, **66B**, *269
Calcium gluconate, extravasation of injected solution, causing calcifications in upper limb of neonate, **65A**, *558; **66A**, 152(*correspondence*)
Calcium hydroxyapatite, in bone replacement, **66B**, *269
Calcium pyrophosphate, intrasynovial deposition in elbow, **66A**, *133
Calf, blood flow during total hip replacement surgery, **65B**, 518
Callus
effect of head injury on formation of, **69B**, 518(*annotation*), *521, *525
fracture, *see* Fracture callus
Calvé–Legg–Perthes disease, *see* Perthes' disease
Campbell, Crawford Jennings, **65A**, 1209(*obituary*)
Canadian Orthopaedic Association
meetings, **66B**, 291; **67B**, 321; **68B**, 846; **69B**, 499
presidential addresses, **66B**, 291; **67B**, 321; **68B**, 846; **69B**, 499
Canal-expansive laminaplasty, in treatment of cervical myelopathy, **66A**, *914
Cancer
see also Tumours; *see also specific terms and under* tissues and structures involved
metastasis to bone, mechanisms, **68A**, *308(*current concepts review*); 69A, **309**(correspondence)
Candida infection
after implant arthroplasty, **68A**, *143
of total hip replacement, successful reimplantation after treatment with Amphotericin B and 5-fluorocytosine, **66A**, *142
Canvas corset, effect on segmental mobility of lumbosacral spine, **65A**, *943
Capitate bone
bilateral avascular necrosis of, **66B**, *557
volar dislocation, **66A**, 611; **67A**, 980(*correspondence*)
Capitolunate joint, chronic instability, **68A**, *1164; **69A**, 950(*correspondence*)
Carbon composite plates, in treatment of forearm fractures, **68B**, 161
Carbon dioxide
15-O-labelled, in detection of pulmonary emboli, **66A**, *1388
as distension medium in arthroscopy, **66B**, 146
Carbon fibre
histological response to, **67B**, *645
implants, **66B**, *157(*editorial*)
in reconstruction of tendons and ligaments
– anterior cruciate ligament, **68B**, 841
– – replacement in rabbit, **69B**, *312
– augmentation of cruciate ligament reconstructions, **69B**, 511
– complex ligamentous knee injuries, **66B**, 453
– knee ligaments, **67B**, 156; **68B**, 504
– late repair of calcaneal tendon, **66B**, 157, *206
– ligament reconstruction for knee instability, **65B**, 227; **66B**, *196
– neotendons induced by implantation, **66B**, *131
– postoperative strength variations, **67B**, 159
– replacement of anterior cruciate ligaments, **65B**, *308
– strength of tendon replacements, **67B**, *829
intra-articular, **66B**, 454
– long-term effects on soft tissue, **65B**, 91
– reinforced plastic, in forearm fracture fixation, **65B**, 364
reinforcing epoxy resin plates, tissue response, **67B**, *656
tissue reaction, **66B**, 282
Carcinoma
mammary
– causing osteolysis, response to diphosphonates and prostaglandin inhibitors, **65B**, 222
– effect of diphosphonates and prostaglandin inhibitors on osteolysis caused by, **65B**, 222
metastatic, and Paget's disease, **68B**, *22
Cardiac, *see* Heart
Cardiopulmonary function, during arthroplasty, using cemented or non-cemented components, **69A**, *822
Cardiovascular fitness, aerobic exercises for, in lower-limb amputees, **69A**, *914
Carotid artery, effect of total hip replacement on (in dogs), **65A**, *97
Carpal, *see also* Wrist
Carpal bones, dysplasia epiphysialis hemimelica of, **65A**, *398
Carpal scaphoid, *see* Scaphoid bone (carpal)
Carpal subluxation, palmar, post-traumatic, **65A**, *998
Carpal tunnel release, success of, **65B**, 222
Carpal tunnel syndrome
acute, complications of delayed decompression, **68B**, *758
diurnal variation in median nerve conduction, hand volume and grip strength, **67B**, 679
due to anomalous distal end of radius, **65A**, 135(*correspondence*)
familial, presenting in childhood, **69A**, *928
in patients on haemodialysis, **67B**, *130
provocative diagnostic tests, evaluation, **68A**, *735; **69A**, 792(*correspondence*)
sensibility testing in, **66A**, *60
treatment
– internal neurolysis of median nerve, **67A**, *253
– without internal neurolysis of median nerve, **69A**, *896
Carpal-supination-subluxation, **66B**, 452
Carpometacarpal joints
dislocation, diagnosis, **69B**, *212
osteoarthritis of, treatment, osteotomy, **65B**, *179
Carpus, *see* Wrist; *see also* Scaphoid bone (carpal)
Cartilage
see also Chondromalacia; Intervertebral discs; Menisci; *and under structures involved. See also terms beginning with* Chondr-
articular
– calcification front in, morphology of, **65B**, *72
– changes in chondromalacia patellae, **67B**, *769
– chemical and mechanical changes in osteoarthritis, **66B**, 288
– chondrocytes, studies on cryopreservation of, **66A**, *253
– effects of exercise on, after total bilateral medial meniscectomy, experimental study, **68B**, 338
– effects of indirect blunt trauma, experimental study, **65A**, *948; **66A**, 152(*correspondence*)

Cartilage
articular (*continued*):
- effects of postoperative joint mobilisation on degeneration following meniscectomy, **65B**, 671
- fracture-separation in adult knee, **67B**, *42, 158
- from femoral head after subcapital fracture, **68B**, *418
- grafting, repair of articular surfaces by allografts, **67B**, 317
- hydroxyapatite deposition in, by intra-articular injections of methyl prednisolone, **68A**, *509
- mechanical and biochemical properties, **68B**, *278, *418
- of femoral heads, focal lacunar resorption in, **67B**, *543
- of knee, normal and osteoarthritic composition, **66A**, *95
- repair of full-thickness defects, rib perichondrial grafts for, **67A**, *911
- response to weight-bearing against metal, **66B**, *592
- survival of experimental xenografts, **67B**, 158
degradation in rheumatoid arthritis, biochemical factors, **66B**, 461
destruction, effect of antibiotics, in experimental infectious arthritis, **69A**, *1063
epiphyseal, *see* Epiphyseal cartilage
hyaline, chondrocytes, calcium flux and endogenous calcium content in, **67A**, *113
in pseudoachondroplasia, biochemical and histochemical studies, **66A**, *1408
lesions, S-100 protein in, **68A**, *521
matrix
- breakdown, effects of synovium changes, **67B**, 158
- calcification of, **68A**, *703
- synthesis by articular chondrocytes in vitro, **69B**, 497
osteoarthritic, properties of, **67B**, 843
tumours
- *see also under* Bone tumours
- assessment of malignancy using flow cytometry, **65A**, *779
Case reports, **69A**, 639(*editorial*)
Cast braces
in treatment of femoral fractures, **65A**, *56; **65B**, 517
limited motion, without hinges, **69B**, 167
Cast syndrome, *see* Superior mesenteric-artery syndrome
Casts
plaster, *see* Plaster casts
synthetic, setting temperatures, **67A**, *262
Catheters
Broviac central venous, for intravenous antibiotic therapy, **67A**, *1108
Hickman, in treatment of orthopaedic infections, **67A**, *650
Catterall, R.C.F., retirement from editorship of British volume of the *Journal*, **65B**, 233
Cauda equina
see also Lumbosacral nerve roots
blood supply, **69B**, 161
compression, in spinal tuberculosis, **66B**, *239
tumours, differential diagnosis, **67B**, *358
Cauda equina syndrome
following lumbar discectomy, **66B**, 298
lumbar disc herniation and, **66B**, 298
secondary to lumbar disc lesion, **68A**, *386
Causalgia, *see* Reflex sympathetic dystrophy syndome
Cefamandole
in treatment of experimental osteomyelitis in rabbits, **65A**, *507
prophylactic, **69A**, *1189
- in orthopaedic surgery, **66A**, *1219; **67A**, 665(*correspondence*); **68A**, 313(*correspondence*)
Cefoxitin, as prophylactic antibiotic, in amputation of lower extremity for ischaemia, **67A**, *800; **68A**, 950(*correspondence*)
Ceforanide, effect on cartilage destruction in experimental infectious arthritis, **69A**, *1063
Cefuroxime, antibiotic prophylaxis in knee arthroplasty, **69B**, *787
Central cord syndrome, **68B**, 334
acute traumatic, **68B**, *708
operations for, **67B**, *609
Cephalo-caudal disproportion, in adolescent idiopathic scoliosis, **67B**, *594
Cephalosporins, prophylactic
in operative repair of femoral fractures, **67A**, *921; **68A**, 313(*correspondence*)
in prevention and treatment of musculoskeletal sepsis, **65A**, *1201(*current concepts review*)
Cephalothin, in treatment of experimental osteomyelitis in rabbits, **65A**, *507
Ceramics
aluminium oxide wear particles, biocompatibility, **69B**, 165
cementless modular knee with screw fixation, **68B**, 336
for bone replacement, **65B**, 668
Mg-PSZ, biocompatibility testing, **65B**, 100
porous, for bone replacement, **66B**, *269, 280
Cerclage bands
nylon, *in vitro* investigation into biochemical status of, **66B**, 278
Partridge, bone erosion beneath, **68B**, *476
Cerclage wires, in treatment of comminuted femoral-shaft fractures, **66A**, *1222
Cerebral palsy
adduction contracture of thumb in, preoperative electromyographic study, **65A**, *755
after-care, **69B**, 681
athetoid
- cervical radiculopathy due to, **69A**, *815
- cervical spondylotic myelopathy complicating, surgical treatment, **66B**, *504
- myelopathy due to, **69A**, *815
avulsion of distal pole of patella in, **67B**, 846
- deteriorating gait due to, **67B**, *252
gait patterns in children and young adults, **69A**, *437, 1304(*correspondence*)
hip in
- dislocation
- - factors affecting incidence, **67B**, *530
- - management in children with total body involvement, **66B**, *451
- femoral varus-derotation osteotomy, **67A**, *1229
- management, **68A**, *629(*current concepts review*)
- painful
- - treatment
- - - hip arthrodesis, **68A**, *590
- - - total hip replacement, **68A**, *590
- proximal femoral resection with interposition arthroplasty, **69B**, 506
management of upper extremity in, **67A**, *500(*current concepts review*)
pitfalls in, **66B**, 452
posterior tibial-tendon transfer in, **69A**, *1133
scoliosis in, modern management, **68B**, 335
spastic, split posterior tibial-tendon transfer in, **65A**, *748
speculations on, **66B**, 283
spinal deformities in, operative treatment of, **65A**, *43
Cervical, *see also* Spine, cervical
Cervical myelopathy, *see* Myelopathy, cervical
Cervical radiculopathy, *see* Radiculopathy, cervical
Cervical spine, *see* Spine, cervical
Cervical cord, *see* Spinal cord, cervical
Cervical spondylosis
motor syndromes, operations for, **67B**, *609
methylmethacrylate stabilisation, **66A**, *45
myelopathy
- complicating athetoid cerebral palsy, surgical treatment, **66B**, *504
- operations for, **67B**, *609
transverse lesions, operations for, **67B**, *609
Cervical vertebral-costal process, **66A**, *1477
Cervicothoracic junction, dislocations at, **65B**, *124
Chance fracture of lumbar spine, **69B**, 510
Charcot hip, false aneurysm, **68A**, *462
Charcot joint, infection in, **67A**, *642
Charcot's arthropathy of spine, following spinal cord injury, **67A**, *771
Charnley, Sir John, **65B**, 84(*obituary*)
Charnley low-friction arthroplasty of hip
effect on abductor power, **66B**, *180
high-density polyethylene sockets, **67B**, *757
in diabetic patients, **65B**, *580
infection, comparison of plain and gentamicin-loaded cement, **69B**, *355
late dislocations, **67A**, *832
long-term follow-up, **67B**, 503
methylmethacrylate fixation, anaphylatoxin release associated with, **69A**, *46
penetration of femoral heads into acetabular cups, role of cement and roughening, **68B**, 496
prospective study of 450 cases, **67B**, *214
socket wear, **67B**, *757
twelve-year follow-up study, **66B**, 299
Charnley compression for knee arthrodesis, **65B**, 224
Chemonucleolysis
see also under Chymopapain
Apotrinin in, **67B**, 335
CT studies of effect of, **66B**, 281, *417
failed, microdiscectomy for, **67B**, 325
following chymopapain injection into intervertebral disc, **65A**, *1220
for herniated intervertebral discs, **67B**, 504
- in adolescents, **67A**, *1402
intervertebral disc changes after, demonstrated by magnetic resonance imaging, **68B**, *719
intradiscal, **67B**, 673
transverse myelitis following, **65A**, *1328; **67A**, 345(*correspondence*), 346(*correspondence*)
Chemotherapeutic agents, effects on bone, **66A**, *602
Chemotherapy, adjuvant, for malignant fibrous histiocytoma in femur and tibia, **67A**, *620
Chest
see also Lung
ribs, *see* Ribs
Chevron fusion, ankle arthrodesis by, **65A**, *833

* Indicates full article or appreciable part

Chevron osteotomy
compared with Wilson osteotomy, **67B**, 671
for hallux valgus, **65B**, 519
results, **69B**, 685
Chiari's osteotomy of pelvis, **68B**, 502
for congenital hip dislocation, **69B**, 156
in symptomatic hips following Perthes' disease, **69B**, 682
long-term results, **69B**, *365, *551, 850
Child abuse, fracture patterns, **69B**, 154
Children's orthopaedics, in North America, ABC Travelling Fellows' report, **65B**, 513
China
People's Republic, orthopaedics in, **69B**, 162
traditional medicine in orthopaedics, **65B**, 675
Chiropody, interface with orthopaedics, **68B**, 845
Chlamydia infection, in Reiter syndrome, as cause of arthritis, **68A**, *777, 1466(*correspondence*)
Chloramphenicol, in treatment of childhood skeletal infections, **66A**, *1490(*current concepts review*)
Chondral flaps, per-arthroscopic excision of, **68B**, 842
Chondroblastoma, **67B**, 508
review of seventy cases, **67A**, *748
Chondrocytes
see also under Cartilage
allografts, in repair of articular surfaces, **68B**, *29
articular, cartilage matrix synthesis by, in vitro, **69B**, 497
hypertrophic
– and secondary centre of ossification, **69A**, *185
– in growth-plate cartilage during longitudinal bone growth, **69A**, *162
– role in development of secondary centres of ossification, **69A**, 159(*editorial*)
– role in endochondral ossification, **69A**, 159(*editorial*)
hypertrophy, morphometric analysis, **68A**, *243
in metatropic dwarfism, **69A**, *174
maturation of, **69A**, *185
mitochondrial calcium in callus calcification, **68A**, *703
of articular cartilage, cryopreservation of, **66A**, *253
of epiphyseal cartilage
– flux and endogenous calcium content in, **67A**, *113
– localisation of somatomedin-C binding to, experimental study, **68A**, *897
– profiles of, and their orientation, **67A**, *942
of epiphyseal cartilage, performance during longitudinal bone growth, **69A**, *162
of hyaline cartilage, calcium flux and endogenous calcium content in, **67A**, *113
physeal, in vitro, characterisation, **69B**, 166
proteoglycan synthesis *in vitro*, effects of cell density, **68B**, 495
Chondrodiatasis
in limb lengthening
– experimental study, **68B**, *545
– in children, **68B**, *550
Chondrolysis
mediated by non-invasive tissues, in rheumatoid arthritis, **68B**, 840
of hip, idiopathic, **65A**, *1266
Chondroma
periosteal, **65A**, *205
– causing shortening of humerus, **67B**, *290
Chondromalacia patellae, **65B**, 403; **66B**, 605
and anatomy of vastus lateralis muscles, **69A**, *545
arthroscopic treatment, **66B**, 304, *660
– evaluation of results, **68B**, 337
articular cartilage changes in, **67B**, *769
as mythical disease, **66B**, 455
due to spondylopatellar arthropathy, **65B**, 102
histological changes, **69B**, *3
pathogenesis, patellofemoral contact pressures and, **66A**, *715
radiographic assessment, **68B**, *297
Chondromatosis, synovial, *see* Synovial chondromatosis
Chondromyxoid fibroma, **65A**, *198
Chondroplasty
abrasion, **66B**, 627
arthroscopic, results for chondromalacia patellae, **68B**, 337
Chondrosarcoma
dedifferentiated, clinicopathological features and treatment, **68A**, *1197
developing in synovial chondromatosis, **69B**, *137
in fibrous dysplasia of pelvis, **66B**, *760
in Ollier disease, **69A**, *269
proteoglycans of, structure, **65A**, *958
in Maffucci's syndrome, **67A**, *1214; **68A**, 953(*correspondence*)
peri-acetabular, resection with reconstruction of pelvis, **67B**, *413
prosthetic replacement, local recurrence after, **67B**, 497
synovial, complicating synovial chondromatosis, **69A**, *1084
treatment, resection of proximal femur, replacement with metallic prosthesis, **69A**, *279
Chordoma
sacral, excision, posterior approach, **69B**, *565
sacro-coccygeal, **68B**, 849
Chrisman–Snook operation, for reconstruction of lateral ligaments of ankle, long-term results, **67A**, *1, 1304(*correspondence*)
Christchurch Orthopaedic Geriatric Unit, **67B**, 678
Chymopapain
see also Chemonucleolysis
for chemonucleolysis, **67B**, 335
in intradiscal therapy, **65A**, *1350(*current concepts review*), **65B**, 668; **66A**, 808(*correspondence*); **67B**, 673; **68B**, 335
– anaphylactic reactions under local anaesthesia, **65A**, *1215; **66A**, 806(*correspondence*)
– chemonucleolysis and nucleus pulposus regeneration, **65A**, *1220
– disc changes after chemonucleolysis with, demonstrated by magnetic resonance imaging, **68B**, *719
– paraplegia following injection, **66A**, *1131; **67A**, 504(*correspondence*)
in treatment of sciatica, **69B**, 510
short-term effects on intervertebral discs, **69B**, *422
Cincinnati incision, **66A**, 313(*correspondence*)
Cineradiography, in study of intraspinal pathways taken by sublaminar wires during removal, **68A**, *1206
Claudication, neurogenic, treatment with calcitonin, **66B**, 278
Clavicle
condensing osteitis of, **66A**, *1484; **69A**, *550
dislocation
– bipolar, **69A**, *145, 953(*correspondence*)
– of both ends of, **66B**, *560
– retrosternal, **66A**, *287
– – acute traumatic, **66A**, *379
– subcoracoid, of lateral end, **69A**, *924
excision, review of 19th-century literature, **67B**, *282
fractures
– displaced (Type II Neer), complications, **67B**, 492
– ununited, **65A**, *773
– – complications and surgical management, **69A**, *753
– – operative treatment, **67A**, *1367; **68A**, 634(*correspondence*)
osteolysis of distal part of, in male athletes, **65A**, 421 (*correspondence*)
plastic bowing of, in children, **65A**, *403
Clindamycin, in treatment of childhood skeletal infections, **66A**, *1490 (*current concepts review*)
Clinical trials
for evaluating new therapeutic approaches, methodological guidelines, **67A**, *1294(*current concepts review*)
randomised, **67A**, 1151(*editorial*)
– as obligation or option, **67A**, *1284; **68A**, 632(*correspondence*), 1465(*correspondence*)
Clinodactyly, Langenskiold's operation, **66B**, 778
Clostridial infections, causing arthritis, **68A**, *465
Clothing, in operating theatre, **69B**, 518(*annotation*)
bacteriologically occlusive, **65B**, *502
Cloxacillin, in treatment of subacute osteomyelitis in childhood, **67B**, *443
Club foot
aetiology, **66B**, 450
arterial pulses in, **66B**, *700
calcaneovalgus, congenital dislocation of peroneal tendons in, **65B**, *136
classification, **68B**, 856
congenital
– equinovarus
– – resolving and resistant deformities, **69B**, *822
– – staged method of surgical management, **69B**, *826
– role of tibialis anterior and plantar ligaments in, **66B**, 450
– tibialis anterior tendon transfer in, **67B**, 490
– treatment, residual adduction of forefoot, **69B**, *832
development of tibiofibular distortion, **69B**, 491
dorsiflexion in talipes equinovarus, **66B**, *71
equinovarus deformity
– in myelodysplasia, treatment, talectomy, **67A**, *21
– supramalleolar derotation osteotomy for, **65B**, *166
– with cerebral spastic paralysis, treatment, split posterior tibial-tendon transfers in children, **67A**, *186
in arthrogryposis, talectomy for, **66B**, *694, *697
lateral tibial torsion in, **67B**, *791
management, **67A**, 991(*editorial*); **67B**, 490
muscle changes in, **68B**, 496
neglected, correction, Ilizarov distractor, **69B**, *593
New Zealand perspective, **68B**, 337
Oxford programme, **66B**, 142
posterolateral tether, **66B**, 71
prognosis, **65B**, *8
pulseless, **66B**, *700
relapsed, correction, Ilizarov distractor, **69B**, *593
residual adduction of forefoot, treatment by osteotomy of first cuneiform, **66A**, *985

* Indicates full article or appreciable part

Club foot (*continued*):
resistant
- early posterior release, results, **67B**, *588
- one-stage surgical management, **66B**, 302
- posterolateral release, **69B**, 155
reverse, **69B**, *330
rigid recalcitrant talipes calcaneovalgus, **69B**, *330
subtalar release, complete, **67A**, *1044, *1056; **68A**, 151(*correspondence*)
surgical release, early, long-term results, **67B**, *791
tether, **65B**, 221
tibial torsion with, correction of, **65B**, *641
treatment, **65B**, *8
- Dillwyn Evans type collateral operation, **65B**, *12
- dorsal bunions following, **65A**, *975
- fixation pins in talipes equinovarus, **68B**, 844
- operative, neonatal, **65B**, *320
- pantalar reduction, **65B**, *1
valgus
- in myelodysplastic patients, **65A**, *1157
- with tibial torsion, correction, **65B**, *641
CMW, volumetric changes during polymerisation, **65B**, 367
Cobb angle, in idiopathic scoliosis, **69B**, 852
Cobalt–chromium/titanium alloy couples, corrosion of, **65A**, *1125
Cocaine, in treatment of pain, **67A**, *340(*current concepts review*)
Coccidioidal osteomyelitis, in child's finger, **67A**, *330
Coccygodynia, idiopathic, **65A**, *1116
Coccyx, radiographic study, **65A**, *1116
Collagen, distribution in developing joint, **69B**, 497
Collagen(s)
see also Connective tissue
abnormalities of, in diastrophic dysplasia, **66A**, *827
genes, and inherited connective tissue disease, **65B**, 93
in healing skeletal muscle injury, **67B**, *820
mutation, in Ehlers–Danlos syndrome, **68B**, 334
new articular, biochemical and immunohistological characteristics of, **65B**, 93
Type I defect in lethal perinatal osteogenesis imperfecta, **65B**, 100, 672
Collar, calcar
contact controversy, **68B**, 851
influences of, on stresses in proximal end of femur with cemented femoral component, **66A**, *280
Collar bone, *see* Clavicle
Colles' fracture
anaesthesia for, local compared with intravenous regional, **67B**, 845
comparison of bracing and plaster, **65B**, 221
dynamic pinning of wrist, **66B**, 148
early mobilisation, **69B**, *727
external fixation, anatomical study, **69B**, *207
functional and radiographic end results, **66B**, 295
functional bracing, **66B**, *749, 776
in over-sixty age group, **66B**, 613
minimally displaced, impending rupture of extensor pollicis longus tendon after, **65A**, *401
Orthoplast cast-bracing, **66B**, 286
percutaneous Kirschner-wire fixation, **66A**, *1003
prospective review, **69B**, *635
remanipulation, value of, **68B**, *232
Roehampton brace for, **67B**, 493
shortening of radius after reduction, **69B**, *635
trial of flurbiprofen, **68B**, 158
value of early mobilisation, **69B**, *463
Colon, pseudo-obstruction of, **65A**, *226, 872(*correspondence*)
Colonna–Hey Groves hip arthroplasty, in late treatment of congenital hip dislocation, **69B**, *220
Compartment syndromes, **66B**, 791
see also Volkmann's ischaemia
associated with haemorrhagic hypotension, hyperbaric oxygen reducing oedema and skeletal muscle necrosis, **68A**, *1218
bioenergetic study using ^{31}P-NMR spectroscopy, **67B**, 330
chronic
- exertional, management, fasciotomy, **69B**, 502
- intramuscular pressure and muscle blood flow during exercise, **69B**, *301
closed, muscle regeneration, **67B**, 319
decompression, repeated, with partial fasciectomy, **68B**, *815
due to closed avulsion of flexor digitorum superficialis origin, **66A**, *467
fasciotomy, **66B**, 791
fibulectomy, **66B**, 791
in thigh, acute posterior, **67A**, *1278
masked by epidural anaesthesia for postoperative pain, **68A**, *1447
mimicked by streptococcal gangrene, **67A**, *1125
of arm
- biceps-brachialis, compression after trivial trauma, **68B**, *374
- complicating avulsion of origin of triceps, **69A**, *1445
- complicating use of pneumatic tourniquet, **65A**, *270; **66A**, 630(*correspondence*)
of foot, **68A**, *1449
Compartment syndromes (*continued*):
of forearm
- associated with fracture of distal end of radius, **68A**, *1451
- late surgical decompression, **66B**, *745
- weight-lifting causing, **65A**, *406
of leg
- acute, **66B**, *93
- anterior tibial, **68B**, *471
- chronic
- - and medial tibial syndrome, **68B**, *818
- - anterior, treatment by fasciotomy, **68A**, *1338
- diagnosis and management, **66B**, 276
- in open tibial fractures, **68A**, *1348
- complicating repair of hernia of tibialis anterior, **68A**, *1444
- due to malfunctioning pneumatic-compression boot, **68A**, *1445
- pressure monitoring, **67B**, *53
- treatment, **66B**, *93
of thigh
- complicating femoral fracture, **68A**, *1439
tolerance of skeletal muscle to ischaemia, **68A**, *820
unrecognised, simultaneous with tourniquet palsy, **69B**, *97
Complement, activation of, associated with use of methylmethacrylate, **69A**, *46
Compression plate
effects on early bone healing, comparison with external fixators, **66A**, *1084
for femoral shaft fractures, **66B**, 296
for wrist arthrodesis, **66B**, 296
in treatment of forearm fractures, **67B**, 326
Compression screw, in management of osteochondritis with osteochondral fragments, **69B**, 162
Compression syndromes, peripheral nerves, sensibility testing in, **65A**, *632
Computerised tomography, *see* Tomography, computerised
Condensing osteitis of clavicle, **66A**, *1484
Congenital abnormalities
see also specific terms and under structures involved
orthopaedic aspects of VATER association, **68A**, *424
Congenital bands, *see* Annular constriction bands, congenital
Connective tissue
see also Collagens
disease of
- congenital hip dislocation as, **65B**, 673
- inherited, collagen genes and, **65B**, 93
Constriction bands, *see* Annular constriction bands, congenital
Continuous passive movement machines, **66B**, 453
Contractures, *see under structures involved*
Conus medullaris
blood supply, **69B**, 161
excision, in spina bifida, **68A**, *88
lesions of, after lumbar spine fractures, **65B**, 670
Conversation, as cause of bacterial contamination in operating theatre, **65A**, *357; **66A**, 472(*correspondence*)
Conversion paralysis
post-traumatic, **66B**, 779
rehabilitation of, **67B**, *635
Convulsion(s), hypocalcaemic, bilateral fracture of femoral neck during, **67B**, *536
Coracoclavicular ligaments, ossification in ankylosing spondylitis, **65A**, *1017, 1356(*correspondence*)
Coracoid process, *see under* Scapula
Cordectomy, distal, in spina bifida, **68A**, *88
Core decompression, effect on femoral head blood flow, in steroid-induced avascular necrosis of femoral head, **67A**, *121
Coronoid process, *see under* Ulna
Corpus callosum, agenesis, orthopaedic deformities, **66B**, 302
Cortical hyperostosis, infantile, pathology, **67A**, *1417
Corticosteroids, *see* Steroids
Costectomy
in scoliosis, as first stage of surgery, **68B**, *91
preliminary, in posterior corrective surgery for scoliosis, **67B**, 491
Costo-iliac impingement syndrome, **67B**, *124
Costovertebral bone, **66A**, *1477
anomalies in osteogenesis imperfecta, **67B**, 508, *602
Coxa plana, *see* Perthes' disease
Coxa vara
in spina bifida, **65B**, 128
- iatrogenic avascular necrosis of upper femoral epiphysis, **65B**, 128
- spontaneous separation of upper femoral epiphysis, **65B**, 128
- spontaneous fracture of femoral neck, **65B**, 128
Coxarthrosis, *see* Hip, arthritis
Craniocervical instability, treated by contoured loop fixation, **68B**, *173
Craniospinal injuries, in patient with multiple trauma, **68A**, *946(*current concepts review*)
Creatine kinase, serum, estimation in diagnosis of Duchenne muscular dystrophy, **68B**, *481
Crepitation, simulating gas gangrene, **67A**, *646, 1449(*correspondence*)

Cruciate ligaments
absence in congenital short femur, **65A**, *1109
anterior
- absence of, measurement of knee stiffness and laxity, **66A**, *242
- acute rupture, results of surgical management, **67B**, 336
- arthrography, accuracy of double-contrast evaluation, **65A**, *175
- comparative biomechanics, **67B**, 319
- computerised tomography of, **66B**, 281
- congenital absence, **67B**, 846
-- in knee dysplasia, **67B**, *572
- deficiency
-- anterior-posterior stability of loaded knee, role of meniscus, **68A**, *71
-- arthroscopic findings, **68B**, 675
-- long-term evaluation of lateral substitution, **68B**, 848
-- prognosis by tomography of lateral tibial plateau, **67B**, 151
-- radiological assessment, **68B**, *292
-- treatment
--- bone-block iliotibial band transfer, **68B**, 675
--- intra-articular transfer of iliotibial tract, **67A**, *532; **68A**, 791(*correspondence*)
- disruption in three-year-old child, **66A**, *1113
- functional anatomy and rationale for reconstruction, **67A**, *257
- functional relation between bands and pivot shaft, Lachman and anterior drawer signs, **68B**, 847
- functional study of structure of, **67B**, 844
- histology, **69A**, *243
- injuries, **66B**, 449
-- complete and partial tears, **69A**, *1007
-- in adolescents, **68A**, *19
-- treatment
--- conservative, **69A**, *1007
--- meniscectomy, **65B**, *388
--- non-operative, **65A**, *184; **66A**, *741; **67A**, 1305(*correspondence*)
--- operative versus non-operative, **69A**, *1120
--- reconstruction using patellar ligament, **66B**, 788
--- results of early and late management, **65B**, 99
--- tendon xenograft, failure, **69A**, *860
-- rupture
--- biomechanical analysis of knee after, **65B**, *391
--- partial, **65B**, *32
-- untreated, **68B**, *458
--- follow-up studies, **67A**, 1305(*correspondence*)
- instability
-- chronic symptomatic, lower-extremity musculature in, **67A**, *1034
-- measurement of, Westminster cruciometer, **69B**, 159
- insufficiency
-- Leeds Keio ligament implant for, **69B**, 493
-- measurement of knee instability, **69B**, *608
-- meniscal and chondral damage, **69B**, 162
-- treatment
--- Goretex replacement, **69B**, 161
--- Insall procedure, **69B**, 162
--- modified Marshall–MacIntosh repair, **69B**, 160
--- quadriceps/patellar tendon reconstruction, **69B**, 161
--- reconstruction using artificial fibres, **69B**, 680
- intraligamentous afferent neural system, **69A**, *243
- isometric replacement, **69B**, 849
- loss, posterolateral instability following, **68B**, 338
- neural anatomy, **69A**, *243
- no-touch test for, **69B**, *300(*brief report*)
- prosthetic, comparison of four types, **69B**, *312
- reconstruction
-- bone-block iliotibial-tract transfer, **69A**, *1150
-- experimental study, **68B**, 842
-- carbon fibre and Dacron composites, **68B**, 841
-- intra-articular, by transfer of biceps femoris tendon, **69A**, *275
-- MacIntosh over-the-top substitution, **67A**, *1183
-- partial biceps femoris tendon transfer in, **69B**, 511
-- using allogeneic tendon graft, **68B**, *739
-- using Jones–Ellison procedure, **67A**, *1029
-- using patellar tendon free graft, **68B**, *453
-- using semitendinosus tendon and iliotibial tract, **68A**, *160, 952 (*correspondence*), 953(*erratum*)
-- using tendon xenograft, failure, **69A**, *860
- replacement
-- comparison of prosthetic materials, **69B**, 849
-- using patellar tendon allograft, experimental study, **68A**, *376
- rupture, diagnosis and dilemma, **68B**, 338
artificial
- effects on knee stability, **69B**, 161
- Leeds–Keio device, results of trials, **68B**, 669
congenital aplasia, **68B**, *827
effects of joint load on stiffness and laxity, **67A**, *136
fixation of Terylene ligaments to bone (in pigs), **65B**, 660
grafting, biomechanical analysis, **66A**, *344
injuries, treatment of, pull-through Kirschner-wire hook in, **65B**, 99

Cruciate ligaments (*continued*):
insufficiency, **66B**, 449
-- MacIntosh-over-the-top fascia substitution, **66B**, 610
-- semitendinosus dynamic transfer, **66B**, *305
- radiological assessment, **66B**, 610
- reconstruction, use of patellar ligament, **66A**, *1294
- replacement
-- by allogeneic tendon graft, **66B**, *672
-- with carbon fibre, **65B**, *308
-- with dynamic muscle-tendon (in dogs), **65B**, *650
- symptomatic chronic laxity of, **65A**, *154
-- results of rehabilitation, **65A**, *163
mechanical interactions between muscles and, **67B**, 318
mechanoreceptors in, **66A**, *1072
medial, injuries, non-operative treatment, **66A**, *741; **67A**, 1305(*correspondence*)
posterior
- anterior approach, **66B**, 788
- disruption of, conservative surgery in, **65B**, 99
- injuries, **66B**, 449; **67B**, 674
-- rupture, knee joint instability following, **65A**, *310
- reconstruction, **69B**, 162
- significance for knee stability, **65B**, *204
- tibial attachment, isolated avulsion, **68B**, *747
prostheses, biomechanical compatibility, **68B**, 496
reconstruction, carbon fibre augmentation, **69B**, 511
repair, extra-articular carbon fibre for, **67B**, 156
- tissue reaction, **66B**, 282
replacement, Leeds–Keio prosthesis, **69B**, 161
role in knee stability, **69A**, *233
Cruciometer, Westminster, for measurement of anterior cruciate instability, **69B**, 159
Crush syndrome, associated with use of fracture-table, **69A**, *1447
Crutch-walking gait, effect on shoulder, **66B**, 303
Cryopreservation, of articular cartilage chondrocytes, **66A**, *253
CT scan, *see* Tomography, computerized
CTLSO (Milwaukee) brace, **67B**, 177
Cubitus valgus, **69A**, 385
Cubitus varus
assessment by Baumann angle, **68B**, *755
treatment, supracondylar osteotomy of humerus, **66B**, *566
Cuboid bone, probable stress fracture in infant, **66A**, *1106
Cuff tears, *see under* Shoulder, rotator cuff
Cuneiform bones, first, osteotomy for residual adduction of forefoot in club foot, **66A**, *985
Curly toes, open flexor tenotomy for, **66B**, *770
Cutaneous, *see also* Skin
Cutaneous nerves, lateral antebrachial, in grafting defects of digital nerve, **66A**, *1375
Cyclosporin A, for immunosuppression, in study of comparative growth in autografts and allografts, **69B**, 495
Cyclosporin, immunosuppression by, in free segmental bone allografts, **68B**, 498
Cystitis, acute haemorrhagic, after total hip replacement, **69A**, *620, 1304(*correspondence*)
Cysts
see also under structures involved
bone, *see* Bone cysts
ganglionic
- attentuation of suprascapular nerve by, denervation secondary to, **68A**, *627
- plantar, computed tomography in diagnosis of, **65A**, *1348
Cytometry
flow
- assessment of adriamycin binding by osteosarcoma cells, **67B**, 320
- in analysis of nuclear DNA content for grading of bone tumours, **67A**, *404
- in assessment of malignancy of cartilage tumours, **65A**, *779

D

Dacron
in prosthetic replacement of anterior cruciate ligament in rabbit, **69B**, *312
in reconstruction of anterior cruciate ligament, **68B**, 841
Dancers
bilateral stress fracture of lumbar pedicles, **69A**, *140
stress fractures of second metatarsal involving Lisfranc's joint, **67A**, *1372
Darrach's procedure, for ulnar impingement syndrome, **68B**, 158
de Godoy Moreira, Francisco, **69A**, 1113(*obituary*)
Define, Domingo, **68A**, 316(*obituary*)
Deformities
see also specific conditions, and under structures involved
after-care, **69B**, 681
clinodactyly, **66B**, 778

Deformities (*continued*):
gunstock, aetiology, **69B**, 501
Madelung's, **66B**, 778
Dehne, Ernst, **66A**, 312(*obituary*)
Delta phalanx, of proximal phalanges of great toes, **65B**, 673; **66B**, *77
Deltoid
anterior, paralysed, replacement by latissimus dorsi, **69B**, *647
ligament, disruption in fibular fracture, **69A**, *1346
ligaments, disruption in ankle fracture-dislocation, management, **69B**, 504
rupture, spontaneous, **65B**, 518
Denham knee replacement, **67B**, 489
results after eight years, **68B**, *600
Denis-Browne abduction harness, safety of, in congenital hip dislocation, **68B**, *275
Denis-Browne bar, in treatment of skewfoot, **68A**, *1194
Denis-Browne hip splint, in congenital hip dislocation, **68B**, 156, 336, *427
De Quervain's disease, first extensor compartment of wrist in, **68A**, *923
Denmark, Knud Jansen, **65B**, 88(*obituary*)
Dens, *see under* Axis vertebra
Derby intramedullary nail, in treatment of femoral fractures, **69B**, *67
Dermatitis, due to orthopaedic implants, **69A**, *1408
Desmoid tumours
extra-abdominal, **66A**, *1369
spontaneous regression, **68B**, *780
Desmoplastic fibroma
of bone, **66B**, *265; **67A**, *732
of metatarsal bone, **68A**, *459
Development cascade, in matrix-induced endochondral bone formation, **66B**, 461
Dexon, as replacement for calcaneal tendon in sheep, **67B**, *313
Dextran
in prevention of thrombosis after hip fracture, **67B**, *305
in prophylaxis of deep-vein thrombosis, after total hip replacement, **67A**, *57, 983(*correspondence*)
in prophylaxis of thromboembolic disease, **68A**, *147(*current concepts review*)
Diabetes mellitus
amyotrophy in, **67A**, *1132
in aetiology of Dupuytren's disease, **66B**, *322
osteomyelitis of foot in, *Eikenalla corrodens* causing, **69A**, *940
with vertebral osteomyelitis, **65A**, 19
Diagnostic process, versus screening, **67B**, 486
Diagnostic vibrations, **65B**, 222
Diaphragmatic balance, as cause of progression in idiopathic scoliosis, **69B**, 852
Diaphysial aclasis, mimicked by tricho-rhino-phalangeal syndrome, **68B**, *311
Diaphysial lesion, osteoclastoma of hand presenting as, **65A**, *692
Diaphysial non-unions, infected and non-infected, treatment of, **66B**, 296
Diastematomyelia, **69B**, *188
cervical, with stable neurological deficit, **68A**, *934
in congenital scoliosis, **66A**, *588, 1319(*correspondence*)
Diastrophic dysplasia, collagen abnormalities in, **66A**, 827
Digital nerve, grafting, for traumatic defects, **66A**, *1375
Digital tourniquets, guidelines for use, based on physiological pressure measurements, **67A**, *1086
Digits
see also Fingers; Thumb; Toes
amputation, for metastatic lesions, **68A**, *743
distal phalanx, dorsal aspect, intra-articular fractures, operative treatment, **69A**, *892
flexor tendons, injuries, **67A**, *817
tumours, metastatic lesions, **68A**, *743
Dihydroergotamine
in prevention of thrombo-embolism after hip arthroplasty, **67B**, *538
in prevention of thrombosis after hip fracture, **67B**, *305
Dihydroxycholecalciferol
see also Vitamin D, 25-hydroxy
solid-phase radio-immunoassay for, **65B**, 91
Dillwyn Evans type collateral operation, for club foot, **65B**, *12
Diphosphonates
see also Methylene diphosphonate
differential actions in microphage-mediated bone resorption, **65B**, 94
effect on osteolysis caused by mammary carcinoma, **65B**, 222
in prevention of heterotopic ossification after total hip arthroplasty, **67A**, *400
in treatment of Paget's disease, **68B**, 161
technetium-labelled, uptake of, factors affecting, early dynamic bone-imaging as indicator, **67A**, *763; **68A**, 789(*correspondence*)
volume of distribution in normal and infected bone, **68B**, 840
Disabled persons, fitness testing, **65B**, 102
Discectomy
anterior cervical, Robinson's, **66B**, 298
lumbar, cauda equina syndrome following, **66B**, 298
open, compared with chemonucleolysis, **68A**, *43
Discitis
see also Intervertebral discs
following discography, experimental study, **68B**, 335
following lumbar surgery, **68B**, 158
Discography
anterior rupture of lumbosacral disc, **65A**, *1186
discitis after, **69B**, *26
– experimental study, **68B**, 335
in assessment of damaged cervical disc, **68B**, 335
in diagnosis of disc degeneration, comparison with MRI, **68B**, *369
lateral lumbar, techniques, **68B**, 335
lumbar, comparison with CT scanning, **69B**, 164
revealing stages of disc degeneration, **68B**, *36
Discs, intervertebral, *see* Intervertebral discs
Dislocations
see also under structures involved
nerve injuries associated with, **66B**, 458
Divers, "dry joints" in, explanation of, **65B**, 656
DNA
determination of concentration in nuclei of single cells using flow cytometry, **65A**, *779
nuclear, analysis using flow cytometry, in grading of bone tumours, **67A**, *404
Doctor-patient relationship, changes in, **69A**, *1291
Donovan, Michael M., **69A**, 155(*obituary*)
Doppler ultrasound technique, segmental pressures, correlation with wound healing in amputations for vascular disease, **65A**, *363
Dorsal nerve, transfer, in Morton's metatarsalgia, **68B**, 333
Dorsiflexion, of foot, surgical anatomy, **66B**, *71
Down's syndrome
asymptomatic occipito-atlantal instability, **69A**, *293
atlanto-axial subluxation with spondyloschisis, **67A**, *1414
patellofemoral instability, **68A**, *405
Doxorubicin
see also Adriamycin
effects on bone, short-term experimental study, **66A**, *602
Dressings, Robert Jones bandage, **68B**, *776
Drinking, problem, *see* Alcohol abuse
Drop-foot, severe rigid, Lambrinudi triple arthrodesis in correction of, **66B**, *66
Drug abuse
intra-articular, **66A**, *1469
Pseudomonas bone and joint infection in, **65A**, *829
Duchenne muscular dystrophy
diagnosis, delayed, in orthopaedic clinics, **68B**, *481
equinus deformity, **69B**, 684
– management, **66B**, *546
prediction of success of reambulation in, **65A**, *719
scoliosis in, **65B**, 221
– correction, **69B**, 164
– nonoperative management, **65B**, 669
tibialis posterior tendon transfer, **68B**, 337
Dunn's operation, for slipped upper femoral epiphysis, **69B**, 491, *737
Dupuytren's contracture, **67A**, *1439(*current concepts review*)
knuckle pads causing extensor tendon tethering, **66B**, *128
Dupuytren's disease
aetiology, **66B**, 288
– diabetes mellitus in, **66B**, *322
extracellular matrix-cytoskeletal connections of myofibroblast, **69A**, *1400
Dural ectasia, associated with spontaneous dislocation of spine in neurofibromatosis, **69A**, *1079
Dwarfism, metatropic, **69A**, *174
Dwyer instrumentation of spine
for scoliosis, with Harrington instrumentation and posterior fibular graft, **68B**, 508
in stabilisation of spondylolisthesis, **68B**, *185
Dyna-brace mobilisation of knee, in femoral shaft fracture, **67B**, 504
Dynamic Hip Screw
compared with Jewett nail-plate, **68B**, 157, *557
in trochanteric fractures of femur, **68B**, *557
Dynamic axial fixator, **66B**, *538
Dynamic pinning, in treatment of Colles' fractures, **66B**, 148
Dysplasia
acetabular immaturity and, **66B**, 469
epiphysialis hemimelica, **65B**, *350
– of carpal bones, **65A**, *398
fibrous, of bone, *see* Albright's syndrome
Dysprosium-165, bound to ferric hydroxide microaggregates, in synovectomy of rheumatoid knee, **69A**, *970
Dystonia
idiopathic, orthopaedic presentation, **65B**, 51
torsional, idiopathic, correction of spinal deformity in, **65A**, *980
Dystrophy
see also Duchenne muscular dystrophy
post-traumatic, of limbs, **65A**, *642
reflex sympathetic, *see* Reflex sympathetic dystrophy

E

Ear
"bat", in moulded baby syndrome, **66B**, 491
middle, demineralised incus grafts in rats, **65B**, 89
Echinococcus infestation, complicating total hip replacement, **69A**, *1456
Ectopic bone formation, in perch myotomes, **65B**, 89
EDF cast, **67B**, 178
EHDP, *see* Diphosphonates
Eden-Hybinette shoulder reconstruction, **66B**, 448
Edinburgh repair of isthmic spondylolysis, **69B**, 491
Education, historical survey, **65A**, **862**
Egyptian mummies' feet, **66B**, 773
Ehlers-Danlos syndrome, collagen mutation in, **68B**, 334
Eikenella corrodens, causing osteomyelitis in diabetic foot, **69A**, *940
Elastofibroma, of hand, **69B**, *468
Elbow
allografts, cadaveric, **68B**, 676
arthritis, tuberculous, presenting as chronic bursitis of olecranon, **67A**, *1127
arthroplasty, **69B**, *116
- comparative study of clinical and radiographic findings, **67B**, 154
- endoprosthetic replacement, **69B**, *652
- interposition, in management of advanced haemophilic arthropathy, **65B**, *436
- Liverpool prosthesis, **66B**, *248
- surface replacement, Wadsworth prosthesis, **66B**, *737
- total replacement
- - infection after, **65A**, *330
- - new unconstrained prosthesis, **68B**, *566
- - revision, **69A**, *523
- - Stanmore hinged prosthesis, **65B**, 227; **66B**, *732
- - unconstrained, **66B**, *243
- - with replacement of humerus, **69B**, 154
- with ipsilateral arthroplasty of shoulder, in rheumatoid arthritis, **69A**, *661
bony ankylosis after burns, **67B**, *747
capsulectomy, anterior, for correction of post-traumatic flexion contracture, **67A**, *1160
dislocation
- closed posterior, brachial artery damage accompanying, **67B**, *378
- convergent, **66B**, *254
- coronoid fracture in, requiring open reduction with internal fixation, **66A**, *1304
- divergent, **66B**, *254
- fractures associated with, **69B**, 507
- ligamentous injuries, surgical versus non-surgical treatment, **69A**, *605
- medial humeral epicondyle entrapment after, **66B**, *562
- posterior
- - in children, **66A**, *921
- - neglected, reconstruction operation, **69B**, *199
- simple, long-term sequelae, **66A**, *927
- with dislocation of proximal radio-ulnar joint, **66B**, *254
fat pad sign, **69B**, *844(*brief report*)
flexion
- contracture
- - post-traumatic, correction by anterior capsulectomy, **67A**, *1160
- - surgical treatment, **68B**, 674
- paralysis, pectoralis major transfer in, **67B**, *640
- reconstructive procedures, after brachial plexus injuries, **69B**, 488
flexor muscles, isometric training, **65B**, *355
"floating", management of, **66A**, *552
fracture-dislocations, percutaneous surgery, **66B**, 778
haemophilic arthropathy, interposition arthroplasty in management of, **65B**, *436
hyperextendible, relation to supracondylar fracture of humerus in children, **65B**, 674
injuries, treatment, ulnar skeletal traction, **66B**, 142
intrasynovial deposition of calcium pyrophoshate in, **66A**, *133
lateral epicondyle, association with "tennis elbow", **69B**, 163
ligaments, medial collateral, acute rupture, requiring reconstruction, **68A**, *1278
olecranon, *see* Olecranon
osteoarthritis, complicating pseudarthrosis of ulna, **68B**, *574
pain, due to brachial neuritis, **67A**, *878
rheumatoid arthritis
- arthroplasty
- - Souter-Strathclyde, **67B**, 154
- - trochlear stirrup, **67B**, 676
- functional study, **67B**, 154
- management, interpositional arthroplasty, **69B**, 488
- treatment
- - excision of radial head, long-term effects, **66B**, *109
- - Stanmore hinged prosthesis, **66B**, *732
- - Wadsworth prosthesis, **66B**, *737
- x-ray patterns of disease, **67B**, 154
synovectomy, in young haemophilic patients, **69A**, *264
Elbow (*continued*):
tennis, surgical treatment, **67B**, 507
ulnar neuropathy at, anterior transposition for, **67B**, 329
Elderly patients
pressure sores in, **67B**, *1(*editorial*)
- epidemiology related to hip operations, **67B**, *10
Electrical stimulation
capacitively coupled
- in treatment of fracture non-union, **67A**, *577
- in treatment of sciatic denervation disuse osteoporosis, experimental study, **67A**, *1022
effect on bone after experimental osteotomy in sheep, **67B**, *463
functional, **69B**, *173(*annotation*)
- for walking in paraplegia, **69A**, *728
in congenital pseudarthrosis of tibia, **66B**, 283; **67B**, *454
in healing of tibial fractures, **66B**, 283
in idiopathic scoliosis, **68B**, 681
in non-union of scaphoid, **67B**, 493
in scoliosis, **69B**, 507
of bone repair, **69A**, *626(*current concepts review*), 1110(*correspondence*)
of nerves, for painful peripheral neuropathies, **67B**, *470
of peroneal nerve, for hemiplegia, **67A**, *792
Electrical studies, in problem back, **66B**, 280
Electrocardiographic telemetry, in gait analysis, **69A**, *1155
Electrogoniometry, in examination of pivot shift sign, **65B**, 659
Electromagnet, iron-cored, for treatment of non-union and delayed union, **66B**, *754
Electromagnetic field, pulsed
- effects on peroneal nerve degeneration/regeneration in rats, **65B**, *478
- in arthrodesis of knee following failed total knee arthroplasty, **65A**, *480
- pulsed, in treatment of fracture non-union, **67B**, 503
Electromyography
for evidence of primary muscle pathology in recurrent patellar dislocation 69B, *79
in diagnosis of "bony" sciatica, **67B**, 499
in study of adduction contracture of thumb in cerebral palsy, **65A**, *755
of ulnar nerve, **68B**, *13
- contribution to management, **68B**, 14
- diagnostic problems, **68B**, 13
- surgery and its complications, **68B**, 14
Electron microscope studies
of Chlamydia infection in Reiter's syndrome, **68A**, *777, 1466(*correspondence*)
of osteocyte death, **68B**, *620
of proteoglycans of human infant intervertebral disc, **67A**, *284
of tibial subchondral plate, **69A**, *1212
steroid-induced accumulation of lipid in osteocytes of rabbit femoral head, **67A**, *755
Electrophysiological studies, changes in vastus lateralis in recurrent dislocation of patellae, **69B**, 496
Electrosurgery, arthroscopic, of knee, **69B**, 849
Elliston, William A., **67A**, 985(*obituary*)
Embolism
pulmonary
- after low-friction arthroplasty, influence of Plaquenil, **67B**, 153
- in total hip replacement, detection and prevention, aspirin and low-dose warfarin, **65A**, 567 (*correspondence*)
Embolisation, therapeutic, in total hip arthroplasty revision, for excessive blood loss, **65A**, *848
Enchondroma, osteosarcoma arising in relation to, **68B**, *315
Enchondromatosis, malignant potential, **69A**, *269
Ender's nailing, **68B**, 505
complications, **65A**, *66; **67A**, *81
for femoral shaft fractures, **68B**, 505
for peritrochanteric fractures of femur, **67A**, *79
indications for, **67A**, *79
mechanical failure, **67A**, *79
of hip fractures, complications, **65A**, *66, 1031(*correspondence*), 1355(*correspondence*)
of humerus
- closed fixation without reaming, **69A**, *558
- in patients with multiple trauma, **68A**, *960
of supracondylar fractures of osteoporotic femur, **65B**, 101
of tibial shaft fractures, **67A**, *446; **67B**, *576
postoperative results, **67A**, *79
Endometriosis, in biceps femoris, **69A**, *290
Endoprostheses, *see under* Prostheses
English-Macnab porous-coated shoulder prosthesis, **67B**, 326
Enostoses, growing, **67A**, *809
Enteric fistula, complicating pelvic fracture, **65A**, *854
Eosinophilic granuloma, of spine, **66B**, 780
Epidemiology, of foot disorders, **66B**, 142
Epidural compression, by malignant tumours, vertebral body resection for, **67A**, *375
Epidural morphine, in reduction of pain following lumbar laminectomy, **66A**, *113
Epidural steroid injection, transient hypercorticism after, **66A**, *1115

Epiphyseal cartilage
absence of glycerol phosphate shuttle in various zones of, **65A**, *663
allografts, in repair of articular surfaces, **68B**, *29
chondrocyte performance during longitudinal bone growth, **69A**, *162
chondrocytes of
- calcium flux and endogenous calcium content in, **67A**, *113
- localisation of somatomedin-C binding to, experimental study, **68A**, *897
- profiles, and their orientation, **67A**, *492
development of, role of matrix components, **67B**, 317
diseases, **69A**, *162
disorders of gowth, **69A**, *162
distraction
- experimental study, **68B**, *545
- gradual, **67B**, 843
- in children, **68B**, *550
- production and correction of angular deformities, experimental study, **66B**, *598
femoral capital, premature arrest of, trochanteric advancement for, **67B**, *21
grafting, repair of articular surfaces by allografts, **67B**, 317
in Perthes' disease, histochemical and ultrastructural observations, **65A**, *797
in strontium-induced rickets, stereological studies, **66A**, *1274
mineralisation in, coincident with ultrastructural modifications of proteoglycans, **67A**, *455
partial arrest, evaluation and treatment, **69A**, *1297(*current concepts review*)
partial closure, **68B**, *234
- surgical management, **66B**, 460
resection of bone bridges, **68B**, *234
response to tibial osteotomy, **69B**, *664
Salter-Harris Type-IV injuries of distal tibia, **65A**, *1059
tissue cultures, elaboration of neutral proteoglycanase by, **69A**, *76
transplantation of
- experimental approach to focal lesions, **66A**, *7
- free microvascular, **66A**, *1421
- in iliac-crest grafts, **66A**, *14
Epiphyseal dysplasia, in one family, **67B**, *809
Epiphyseodesis, osseous, **69A**, *1102(*current concepts review*)
Epiphyseolysis
distraction, **69A**, *1104(*current concepts review*)
proximal humeral, in adolescent baseball pitchers, **67A**, *495
Epiphyses
see also under individual bones
comparison of growth in autografts and allografts, **69B**, 495
force required for rupture, in leg lengthening, **69B**, 496
growth
- after free fibular transfer (in dogs), **65B**, *493
- disturbance of, and meningococcal septicaemia, **65A**, *1181
injuries
- classification, **67B**, 148, 677
- prognosis, **67B**, 148, 677
longitudinally bracketed, *see under* Delta phalanx
osteomyelitic cavities in children, treatment protocol, **67B**, *443
Epiphysiodesis
bone graft, for slipped femoral capital epiphysis, **66B**, 301
hemi-epiphysiodesis of vertebral bodies in treatment of progressive congenital scoliosis, **67B**, 148
in treatment of slipped upper femoral epiphysis, **69B**, 491
spinal, for growth arrest in progressive scoliosis, **67B**, *193
Epiphysiolysis
distractional, **68B**, 545
- effects on proximal tibial epiphysis, **68B**, 840
Epiphysitis, *see* Osteochondritis
Epithelial cell products, induction of bone by, **65B**, 89
Epithelioid sarcoma, in association with total knee replacement, **68B**, *824
Epoxy resin plates, carbon fibre reinforced, tissue response, **67B**, *656
Equinovarus deformity, *see under* Club foot
Erector spinae musculature, after thoracolumbar spinal injury, **67B**, 151
Erythema chronicum migrans, and Lyme arthritis, **69A**, 96
Erythrocytes, sedimentation rate, clinical significance in orthopaedic surgery, **69A**, *148(*current concepts review*), 794(*correspondence*)
Esmarch bandages, efficacy of sterilisation, **69B**, *671(*brief report*)
Ewing's sarcoma
fractures of long bones following treatment for, **67A**, *477
of pelvis, **65A**, *738
of proximal phalanx of finger, **69A**, *931
partial pelvic resection for, function after, **69B**, *271
preoperative therapy, clinical utility, **68A**, *1461(*current concepts review*)
presenting as spondylolisthesis, **69A**, *1089
Exchange arthroplasty, **66B**, 649
Exostoses, *see also* Osteochondroma
correlative radiographic, scintigraphic and histological evaluation, **66A**, *1454
Extensor digitorum communis, tendon, acute dislocation at metacarpophalangeal joint, **69A**, *616
Extensor hallucis longus, transfer, for hallux varus deformity, **66A**, *681
Extensor pollicis longus
- rupture, anomalous extensor tendon transfer for, **68B**, 674
- tendon, impending rupture, after minimally displaced Colles' fracture, **65A**, *401
Extensor tendons, tethering caused by knuckle pads, **66B**, *128
External fixators
see also Orthoses
effects on early bone healing, comparison with compression plates, **66A**, *1084
halo device, *see* Halo external fixator
Hoffmann frame, stability of ten configurations, **69A**, *734
of different stiffness characteristics, comparison of osteotomy healing under, **66A**, *1258
Extremities, *see* Limbs

F

Fabella, incidence in osteoarthrosis of knee, **66A**, *1379
Facet joints, injection for low back pain, **68B**, *138
Facet syndrome, corticosteroid injection, **68B**, *138
Facetectomy
partial, in treatment of spinal stenosis, **66B**, 608
Falkland Islands' campaign, medical lessons from, **65B**, *507
Fascia lata, gluteus medius-tensor, myocutaneous flap for infected Girdlestone procedures, **66A**, *1466
Fasciotomy
in compartment syndromes, **65A**, *1252
- chronic exertional, **69B**, 502
- of leg, **66B**, 93, 791
Fat
embolism, and fat embolism syndrome, **69B**, *128
grafting, in excision of talocalcaneal coalition, **69A**, *539
Fatigue fractures, *see* Fractures, stress
Feet, *see* Foot
Femoral artery
common, occlusion complicating total hip arthroplasty, **67B**, *533
effect of total hip replacement on (in dogs), **65A**, *97
laceration by intertrochanteric fracture fragment, **69A**, *781
Femoral nerve, stretched, in dancer, **67A**, *315
Femoral vein
effect of total hip replacement on (in dogs), **65A**, *97
rupture, complicating use of gentamicin beads in infected excision arthroplasty of hip, **66B**, *493
Femur
see also Trochanter, greater; *and under* Hip
anatomy, **69A**, *873
anteversion, **69A**, *1169
- computerised tomographic measurement, **69A**, *1169
- idiopathic intoeing gait in children, **69B**, *75
- ultrasound assessment, **65B**, 93
- - compared with computerised tomography, **69B**, *268
- in Perthes' disease, **68B**, 496
Austin Moore prosthesis, adaptive changes following implantation, **66A**, *437
biplane osteotomy, in treatment of chronic slipped capital femoral epiphysis, **66A**, *1169
blood flow in, effect of compressed air on, **65B**, 90
blood supply to head of, effect of surgical procedures on, **65A**, *1127
bone mineral content in, photon absorptiometric estimation of, **65B**, 660
condyles
- autogenous patella as replacement for, **67B**, *557
- osteochondritis dissecans of, **66A**, *1340; **67A**, 664(*correspondence*), 665(*correspondence*)
congenital defects of
- bifurcation, **66A**, *453
- classification, **65B**, 557
- management, **65B**, 557
- shortness, missing cruciate ligament in, **65A**, *1109
- Van Nes rotation-plasty for, **65B**, 529(*editorial*), *569
cyst of, gout presenting as, **66A**, *294
defect of, large, reconstruction using vascular pedicle iliac graft, **65A**, *1179
distal end of
- osteosarcoma, limb-salvage treatment versus amputation, **68A**, *1331
- replacement by custom-made prostheses, **69B**, *276
embryonic, in chick, cultured on chorioallantoic membrane, **65B**, 658
epiphysis
- capital
- - *see also* Femur, head of
- - fractional necrosis after transient increase in joint pressure, **69B**, *530
- - normal, ossification, **68B**, *653(*brief report*)
- - premature arrest of growth plate, trochanteric advancement for, **67B**, *21
- - premature closure of, **65A**, 13
- - proximal, hydraulic behaviour, **67B**, 318

Femur
epiphysis
- capital (*continued*):
-- slipped, **66A**, *1151(*editorial*)
--- and primary juvenile hypothyroidism, **67B**, *14
--- association with femoral retroversion, **68A**, *1000; **69A**, 631(*correspondence*)
--- Bloemfontein experience, **66B**, 448
--- follow-up, **68B**, 336
--- in identical twins, **68B**, *653(*brief report*)
--- localised immune complexes and, **65B**, *574
--- metaphyseal blanch sign, **68A**, *920
--- potential for spontaneous recovery, **68B**, *541
--- treatment
---- biplane osteotomy, **66A**, *1169
---- bone graft epiphysiodesis, **66B**, 301
---- chondrolysis, **68B**, 676
---- cuneiform osteotomy of femoral neck, **66A**, *1153
---- Dunn's open reduction, **69B**, 491
---- epiphysiodesis and surgical osteoplasty, **69B**, 491
---- internal fixation, perils of, **68B**, 856
---- open reduction compared with epiphysiodesis, **69B**, *737
---- operative management, **66B**, 448
---- pinning, **68B**, 155
---- reduction and fixation, use of flexion, **68A**, *299
- blood flow, effect of immobilisation, in canine model, **66A**, *1281
- iatrogenic avascular necrosis of, in spina bifida, **65B**, 128
- murine distal, secondary centre of ossification, vascular events associated with, **69A**, *185
- separation
-- spontaneous, in spina bifida, **65B**, 128
-- in traumatic dislocation of hip in adolescence, **65B**, *148
focal deficiency of, familial bilateral proximal, **66A**, *1470
fractures
- closed intramedullary nailing, **66A**, *529
- comminuted, treatment, closed locked intramedullary nailing, **67A**, *709
- complications, acute compartment syndrome of thigh, **68A**, *1439
- due to non-accidental injury in childhood, **68B**, 155
- following hip arthroplasty, **67A**, *956
- healing, effect of head injuries, **69B**, *521
- in adult hypophosphatasia, management, **68A**, *981
- in automobile accidents, biomechanical aspects, **67B**, 494; **68B**, *760
- in children with head injuries, **65B**, *276
- intracapsular
-- displaced, total hip replacement for, **66B**, *1439
-- results of treatment, **66B**, 295
- intramedullary nailing
-- closed technique, **66B**, 459
-- closed versus open, **68B**, 849
-- compression nail, **67B**, 494
-- mechanical failure of nails, **65B**, *274
- leg-length discrepancy after, influence on spine, **65B**, *584
- metastatic, internal fixation, **66B**, 145
- of distal end of, **67B**, 325
-- below-hip implants in elderly patients, treatment with Zickel supracondylar device, **65A**, *491
-- growth disturbances following, **65A**, *885
-- long-term results, **68B**, 848
-- treatment, Zickel fixation device, **68B**, 666
- of distal epiphysis, pathogenesis, **66A**, *621
- of distal third of, treatment, **69B**, *67
- of neck of, **66A**, *260
-- an "at risk" population, **67B**, 494
-- an anatomical, biochemical and clinical study, **65B**, 90
-- ascorbic acid levels, **69B**, 158
-- associated with physical inactivity, **69B**, *381
-- associated with posterior dislocation of hip, **66B**, *45
-- associated with technical errors in closed intramedullary nailing, **68A**, *624
-- bilateral, during hypocalcaemic convulsion, **67B**, *536
-- bone quality defect in, **68B**, 365
-- bone scanning, **65B**, 666
-- changes in acidic glycosaminoglycans at fracture site, **65B**, *189
-- femoral head prosthesis with built-in joint, **65B**, *544
-- in children, long-term follow-up, **68B**, *537
-- in elderly patients, screening for osteomalacia, **69B**, *765
-- in hyperparathyroidism, **69B**, 490
-- in skeletally mature patients, **67A**, *1255
-- in young adults, **66A**, *837
-- incidence of, **68B**, 156
-- intracapsular
--- computerised study, **67B**, 146
--- internal fixation with muscle-pedicle graft, **68B**, *239
--- mortality and mechanical failure, **68B**, 157
-- ipsilateral fracture of femoral shaft, **66A**, *260, 1143(*correspondence*)
-- markers of nutritional status, **67B**, 160

Femur
fractures
- of neck of (*continued*):
-- mental ability affecting outcome, **69B**, *384
-- optical changes in bone matrix components, **65B**, 91
-- osteomalacia in patients with, **65B**, 90; **69B**, *388
-- osteopenia and bone quality defect in, **68B**, 288
-- osteoporosis in relation to, **68B**, 156
-- prediction of survival, **69B**, *384
-- prevention of pressure sores, **69B**, 157
-- scintimetry after, **66B**, *49
-- spontaneous, in spina bifida, **65B**, 128
-- stress, distraction-type, conservative management, **68B**, *65
-- treatment
--- cancellous screw and fibular graft, **68B**, *387
--- conservative management, **68B**, *65
--- hemiarthroplasty, prevention of acetabular erosion after, **65B**, *548
--- Knowles pins, effect of early weight-bearing on stability, **66A**, *847, 1495(*correspondence*)
--- prosthetic replacement
---- anaesthesia for, **65B**, 660
---- of femoral head, **65B**, 530(*editorial*)
----- with built-in joint, **65B**, *544
--- Richards compression hip screw system, **66B**, 295
-- trochanteric and subcapital, **67B**, 844
-- ununited, internal fixation with muscle-pedicle graft, **68B**, *239
-- vitamin D deficiency in patients with, **65B**, 90
-- with anterior dislocation of hip, **67A**, *326
-- with central acetabular fracture, **69A**, *612
- of proximal end of, rehabilitation, **66B**, 782
- of shaft of
-- comminuted, methods of treatment, **66A**, *1222
-- effect of associated injuries, **66B**, 285
-- fatigue fracture of interlocking nail, **69A**, *1391
-- gross displacement, **68B**, *654(*brief report*)
-- in children, overgrowth of femur after, **68B**, *534
-- in revision total hip arthroplasty, **67A**, *522
-- in road accidents, **66B**, 615, 783
-- ipsilateral fracture of femoral neck, **66A**, *260, 1143(*correspondence*)
-- new test for clinical union, **68B**, *655(*brief report*)
-- osteolytic lesion due to reaction to prosthesis, **66B**, *337
-- treatment
--- AO plating, **67B**, 504
--- Brooker–Wills distal locking intramedullary nail, **68A**, *865
--- cast-brace application and early ambulation, **65A**, *56
--- closed intramedullary nailing, **68B**, 505
--- closed prograde nailing, **67B**, 504
--- delayed internal fixation, **69B**, *391
--- domiciliary gallows traction, **65B**, *288
--- Dyna-brace mobilisation of knee, **67B**, 504
--- Ender's nailing, **68B**, 505
--- external fixation, **66B**, 459
---- with Wagner device, **66A**, *360
--- fluted intramedullary nailing, **66B**, 615
--- interlocking intramedullary nailing, **67A**, *1313
--- interlocking nail fixation, insertion of distal screws, **68A**, *1275
--- open reduction, **67B**, 504
--- plaster, in children, **69B**, *743
--- prograde insertion of flexible intramedullary pins, **67B**, 504
--- role of compression plate, **66B**, 296
--- skeletal traction, **69A**, *1435
-- with ipsilateral tibial fracture, treatment by cast-brace, **68B**, 677
- pathological, **66B**, *337
- peritrochanteric, Ender's nailing, **67A**, *79
- proximal
-- and osteoarthritis of hip, **69B**, *529(*brief report*)
-- bone quality alterations, **68B**, 839
-- incidence and outcome, **68B**, 156
- stress, recurrent, **68B**, *439
- subcapital
-- displaced
--- compression screw fixation, **68B**, *78
--- fixation, compression screw versus double divergent pin, **69B**, 490
--- total hip replacement for, **67B**, *214
-- internal fixation with AO cancellous screws, **68B**, 666
-- major bone components in, **69B**, *234
-- non-cemented bipolar hip prosthesis for, **68B**, 852
-- properties of cartilage from femoral head, **68B**, *418
-- sulphur-colloid bone scan assessment of femoral head vascularity following, **67B**, 329
- subchondral, in Perthes' disease, **66A**, *479
- subtrochanteric
-- after Garden screw fixation, **68B**, 161
-- complications, **69A**, *1032
-- fixation using Zickel nail, **69A**, *1032
-- iatrogenic, complicating Zickel nailing, **68A**, *1237
-- internal fixation in young adults, **67B**, 680

* Indicates full article or appreciable part

Femur
fractures
- subtrochanteric (*continued*):
- - Richard's screw-plate, **67B**, 325
- - Zickel nail or nail-plate, **68B**, *255
- supracondylar, **67B**, 325
- - after total knee arthroplasty, **68A**, *29
- - functional bracing, **67B**, 145
- - treatment
- - - AO technique, **65A**, 135(*correspondence*)
- - - closed intramedullary fixation using Ender's nails, **65B**, 101
- - - Zickel nailing, **69B**, 681
- treatment
- - cast brace application and early ambulation, **65B**, 517
- - dynamic locking nail, **68B**, 507
- - Ender's nailing, **67A**, *79
- - hinged cast and roller traction, **67B**, *750
- - interlocking nailing system, **68B**, 667
- - intramedullary nailing
- - - closed, **69B**, 500
- - - - interlocking, **69B**, 489
- - - nitrogen injection complicating, **65A**, *860
- - - open and closed, using fluted rod, **67A**, *699
- - - technical errors, fractures of femoral neck associated with, **68A**, *624
- - operative repair, cephalosporins for prophylaxis, **67A**, *921; **68A**, 313(*correspondence*)
- trochanteric, **68B**, *557
- - classification, **65B**, *582
- - failure of fixation and function, effect of adjunctive methylmethacrylate, **67A**, *1094; **68A**, 1303(*correspondence*)
- - in elderly, **68B**, 157
- - major bone components in, **69B**, *234
- - treatment, **65B**, *262
- - - AO Dynamic Hip Screw, **65B**, 218
- - - Jewett nail-plate, **65B**, 218
- - - sliding hip screw, **68B**, 506
- - with osteoporosis
- - - effect of adjunctive methylmethacrylate, **67A**, *1094; **68A**, 1303(*correspondence*)
- unstable, comparison of operative and conservative treatment, **67B**, 495
- with ipsilateral tibial fracture, **66A**, *991; **68B**, *442
- with tibial artery thrombosis, **69A**, *775
functional axes, **69A**, *873
growth disturbances, early identification and classification, **68A**, *970
head of
- *see also* Femur, epiphysis, capital; Femur, proximal
- allograft from, in spinal surgery, **69B**, 681
- articular cartilage
- - chemical and mechanical changes in osteoarthritis and subcapital fractures, **66B**, 288
- - focal lacunar resorption in, **67B**, *543
- - properties after subcapital fracture, **68B**, *418
- autograft from, to augment acetabular deficiency in total hip replacement, **68A**, *1241
- Bateman bipolar replacement, **69B**, *761
- blood flow, effect of core decompression, **67A**, *121
- blood supply
- - effects of surgical procedures on, **65A**, *1127
- - postoperative, **66B**, 49
- bone allografts of, procurement and storage, **68A**, *534
- dislocation, with central acetabular fracture and ipsilateral femoral-neck fracture, **69A**, *612
- effect of age on bone composition and viability, **67A**, *274, 1303(*correspondence*)
- experimental temporary vascular occlusion of, **65B**, 657
- fractures, *see under* Femur, fractures of head of
- involvement in Perthes' disease, **66A**, *479
- necrosis
- - *see also* Hip, osteochondritis
- - avascular, **69A**, *679
- - - early, **68B**, *414
- - - in mild haemophilia, **67B**, 675
- - - in sickle-cell disease, **67B**, *29
- - - intramedullary haemorrhage as cause, **69B**, *346
- - - management by intertrochanteric flexion osteotomy and bone grafting, **69B**, 682
- - - post-traumatic, predicted by preoperative technetium-99m antimony-colloid scan, **65A**, *786
- - - treatment
- - - - use of greater trochanter on vascular pedicle, **69B**, 491
- - - - vascularised fibular graft, **68B**, 677
- - bilateral non-traumatic aseptic, experimental study of incidence, **69A**, *1221
- - cyclosporin A and, **69A**, *1226
- - idiopathic, early diagnosis and treatment, **67B**, *3(*review article*)
- - in systemic lupus erythematosus, **69A**, *807

Femur
head of
- necrosis (*continued*):
- - post-traumatic, treatment, multiple drilling and muscle-pedicle bone grafting, **65B**, *268
- - treatment, core decompression, **67B**, 329; **68A**, *1313; **69A**, 1107 (*correspondence*), 1108(*correspondence*)
- osteoarthritic, mechanical and biochemical properties of articular cartilage, **68B**, *278
- osteocytes, steroid-induced accumulation of lipid, in rabbit, **67A**, *755
- partial excision, in Perthes' disease, **66A**, 965(*current concepts review*)
- prosthetic replacement
- - for femoral neck fractures, **65B**, 530(*editorial*)
- - with built-in joint, **65B**, *544
- resection
- - *see also under* Hip arthroplasty, excisional
- - in children with spastic quadriplegia, **66B**, 142
- subluxation, in coxa plana, **69A**, *1312
- vascularity, assessment by sulphur-colloid bone scan, **67B**, 329
hypoplastic, posterior subluxation of knee associated with, **67B**, *33
intramedullary nailing, *see* Intramedullary nailing of femur
lateral condyle, neuropathic osteonecrosis, **68B**, *96
lengthening
- by Wagner technique, knee subluxation complicating, **67B**, *33
- longitudinal growth after, **69A**, *684
long axis, **69A**, *873
malignant fibrous histiocytoma of, adjuvant chemotherapy for, **67A**, *620
marrow-fat cell size, effect of exposure to compressed air (in rabbit), **66B**, 290
neck of
- *see also* Femur, proximal
- anteversion corrected by derotation osteotomy, **66B**, 485
- cuneiform osteotomy, in treatment of slipped capital femoral epiphysis, **66A**, *1153
- deformities, *see* Coxa vara
- fibrous dysplasia, treatment by cortical bone grafting, **68A**, *1415
- fractures
- - *see* Femur, fractures of neck of
- offset in total hip replacement, **65B**, 665
- resection, **68B**, *346(*topic for debate*)
- - *see also* Hip arthroplasty, excisional
- - in children with spastic quadriplegia, **66B**, 142
neck-shaft angle, **69A**, *873
necrosis
- *see also under* Femur, head of
- avascular, after treatment of congenital dislocation of hip, **65A**, 1029(*correspondence*)
- of lateral condyle in childhood, **67B**, 848
neuritis, low back pain with, **66B**, 785
neuropathy, secondary to pressurised cement in total hip replacement, **69A**, *623
osteonecrosis, *see* Femur, necrosis
osteoporosis
- associated with intertrochanteric fractures
- - effect of adjunctive methylmethacrylate, **67A**, *1094; **68A**, 1303(*correspondence*)
osteotomy, **66B**, 613
- bilateral, muscle strength after, **66A**, *792
- closed, **68B**, 854
- for congenital hip dislocation, **69B**, 850
- in Perthes' disease, **66A**, 964(*current concepts revie..*)
- influence on natural history of Perthes' disease, **68B**, 154
- supracondylar
- - for valgus deformity of knee, **68B**, 854
- - in osteoarthritis of knee, **69A**, *32
- varus
- - derotation
- - - for hip paralysis in poliomyelitis, **68B**, *528
- - - in spastic cerebral palsy, **67A**, *1229
- - in Perthes' disease, compared with innominate osteotomy, **67B**, 332
overgrowth of, after childhood fracture, **68B**, *534
prophylactic stabilisation, closed technique using Zickel nail, **68A**, *991
prosthetic replacement
- for chondrosarcoma, **69A**, *279
- for malignant tumours, **68B**, 336
- for neck fractures, **67A**, *497
- miniature or microminiature components, **65A**, *1099
- of proximal end of
- - *see also under* Hip arthroplasty
- - cementless ceramic prosthesis, **66B**, 787
proximal
- *see also* Femur, head of; Femur, neck of
- architectural changes following prosthetic insertion, **65B**, 91
- defects, reconstruction of, vascular-pedicled graft, **66B**, *32
- excision, for hip stiffness in myelomeningocele, **67B**, 147; **68B**, *75
- focal deficiency, **65A**, *867(*current concepts review*)
- - treatment, iliofemoral fusion, **69A**, *837

Femur
proximal (*continued*):
– fractures
– – *see also* Femur, fractures
– – treatment, signal-arm (K-Y) nail, **67B**, 147
– growth abnormalities
– – early identification and classification, **68A**, *970
– – following treatment for congenital dislocation of hip, **68B**, 668
– polyostotic fibrous dysplasia, treatment, multiple osteotomies with Zickel nail fixation, **69A**, *691
– resection
– – for chondrosarcoma, replacement with metallic prosthesis, **69A**, *279
– – with interposition arthroplasty, **69B**, 506
pseudofractures, in adult hypophosphatasia, management, **68A**, *981
retroversion, association with slipped capital femoral epiphysis, **68A**, *1000; **69A**, 631(*correspondence*)
shaft of
– angle of anteversion, **69A**, *873
– defects, reconstruction with vascularised transfers of fibular bone, **69A**, *365
– fractures
– – *see* Femur, fractures of shaft of
– osteolytic changes after porous-coated replacement, **67B**, *218
– valgus angle, **69A**, *873
shortening, **69A**, *1101(*current concepts review*)
– step-cut osteotomy for leg-length discrepancy in adults, **66B**, 297
– surgical, compared with femoral shortening in treatment of congenital hip dislocation, **66A**, *21
stem fixation, improved by intramedullary cancellous bone block, in Charnley arthroplasty, **66B**, *639
transverse axis, **69A**, *873
trochanter, greater, *see* Trochanter, greater
tumours
– of proximal part of, treatment, hip rotationplasty, **68A**, *362
– osteosarcoma of distal end, treatment, limb-salvage versus amputation, **68A**, *1331; **69A**, 792(*correspondence*)
– osteosarcoma of distal part in children, rotation-plasty for, **65A**, 566(*correspondence*)
– resection and prosthetic replacement, **68B**, 336
with cemented femoral component, stresses in, influence of prosthetic stem stiffness and calcar collar on, **66A**, *280
Fibrin sealant, for cancellous homografts, in treatment of chronic osteomyelitis, **69B**, *335
Fibrinolytic activity, depressed, in chronic back pain, **68B**, 840
Fibrocartilaginous dysplasia, causing tibia vara, **67B**, *780; **69B**, 163
Fibrochondrogenesis, pathogenic mechanisms in, **66A**, *830
Fibrogenesis imperfecta ossium, ultrastructural changes in osteoid, **67B**, 318
Fibroma(ta)
chondromyxoid, **65A**, *198
desmoplastic, of bone, **66B**, *198; **67A**, *732; **68A**, *459
multiple non-ossifying, with extraskeletal anomalies, **65B**, *627
Fibromatosis
musculo-aponeurotic, *see* Desmoid tumour
of soft tissue, **66B**, 265
Fibronectin, in healing skeletal muscle injury, **67B**, *820
Fibrosarcoma
of forearm, congenital, **68A**, *620
of long bones, **67B**, *111
Fibrosis, *see also* Volkmann's ischaemia
Fibrous dysplasia, **69A**, *400
Albright's syndrome, *see* Albright's syndrome
malignant transformation to chondrosarcoma, **66B**, *760
of femoral neck, treatment by cortical bone grafting, **68A**, *1415
of proximal femur, treatment, multiple osteotomies with Zickel nail fixation, **69A**, *691
options for treatment, **69A**, *400
radiological and radionuclide assessment, **68B**, 161
with aneurysmal bone cyst, **68B**, *144
Fibrous histiocytoma
benign, *see* Histiocytoma, benign fibrous
malignant, *see* Histiocytoma, malignant fibrous
Fibula
autograft, recurrence of giant-cell tumour after, **65B**, *618
congenital absence, **68B**, 843
– treatment, Gruca operation, **69B**, *587
fibulectomy, in compartment syndrome, **66B**, 791
fractures
– *see also* Ankle fractures
– antiglide plate for distal fixation, **69A**, *596
– fatigue, bilateral sequential, **65A**, *843
– of distal part of, with deltoid ligament disruption, **69A**, *1346
– of proximal part of, associated with entrapped popliteal artery, **68A**, *941, 1305(*erratum*)
– with tibial artery thrombosis, **69A**, *775
Fibula (*continued*):
grafting, **68B**, *804
– free vascularised
– – in lengthening of humerus with Wagner apparatus, **65A**, *111
– – in treatment of congenital pseudarthrosis of tibia, **67B**, *64, 490
– in femoral neck fractures, **68B**, *387
– in reconstruction of femoral shaft defects, **69A**, *365
– in treatment of avascular necrosis of femoral head, **68B**, 677
– in treatment of giant-cell tumours of distal radius, **68A**, *687
– in treatment of scoliosis, **68B**, 508
– osteocutaneous free graft, **68B**, *804
– vascularised and non-vascularised, roentgenographic, biomechanical and histological evaluation, **67A**, *105
posterior fracture-dislocation of distal part, mechanism and staging of injury, **65A**, *1149
replacement of, **65B**, 101
tibiofibular relationships, changes in, due to growth disturbances after ankle fractures in children, **66A**, *1198
tumours, adamantinoma, **68A**, *293
Ficat, Paul, **68A**, 792(*obituary*)
Finger escape sign, in myelopathy hand, **69B**, *215
Finger(s)
see also Hand; Interphalangeal joints; Phalanges; Thumb
amputated, fractures in, **66B**, 165
amputation, traumatic, replantation, **67A**, *611
clinodactyly, delta phalanx, **66B**, 778
extensor hood
– rupture of central slip, **68B**, *229
– – test for early diagnosis, **68B**, 158
extensor tendons, rupture, **68A**, *610
flexor digitorum profundus, entrapment in ulna, with fracture of both bones of forearm, **68A**, *1102
flexor tendon
– grafting, in finger with intact flexor, **68B**, 335
– two-stage reconstruction, **68A**, *752
herpetic infections in infants, **69A**, *137
injuries, replantation following traumatic amputation, **67B**, 330
interphalangeal joints
– distal, fracture-dislocation, irreducible, **65A**, *109
– proximal, treatment of collateral-ligament ruptures, **65B**, 224
long, extensor tendon, rupture of extensor mechanism causing ulnar dislocation of, **66A**, 1108; **67A**, 346(*correspondence*), 505(*correspondence*)
mallet, fractures, **66A**, *68
phalanx, proximal, Ewing's sarcoma, **69A**, *931
pigmented villonodular synovitis, **66A**, *87
stiff, due to *Mycobacterium kansasii*, **65B**, 219
tourniquets, guidelines for use, based on physiological pressure measurements, **67A**, *1086
volar plate arthroplasty, **65B**, 667
Fingertips, fractures, **66B**, 159
Fitness testing, in the physically disabled, **65B**, 102
Fixation pins, skeletal, thermal effects of insertion in bone, **66A**, *1077
Fixators
see also under Orthoses
external
– "Y", **65B**, 97
– for comminuted intra-articular fractures of radius, **69A**, *248, 1110(*correspondence*)
– in severe upper limb injuries, **69B**, 152
Flat back syndrome, correction, **69B**, 503
Flat foot, **69A**, *426
acquired, secondary to tibial-tendon pathology, **68A**, *95
congenital, **67B**, 489
diagnosis in child, **67B**, *71
due to rupture of posterior tibial tendon, surgical treatment, **67A**, *556, 1448(*correspondence*)
peroneal spastic
– incidence, **66A**, *976
– pathomechanics, **66A**, *977
– radiographic demonstration, **66A**, *978
– tarsal coalitions and, **66A**, *976
rheumatoid, and posterior tibial tendon rupture, **69B**, 493
treatment, elongation of os calcis, **65B**, 15
Flexor digitorum profundus
entrapment in ulna, with fracture of both bones of forearm, **68A**, *1102
tendon, transfer from flexor digitorum superficialis tendon in spastic hand, **69A**, *1127
Flexor digitorum superficialis
closed avulsion of origin, causing compartment syndrome, **66A**, *467
tendon, transfer to flexor digitorum profundus tendon in spastic hand, **69A**, *1127
Flexor tendons
healing, **65A**, *70
restoration of gliding surface, **65A**, *70
rupture, ultrasonic evaluation, **66B**, 609
Floating knee, in children, **68B**, *442

Flow cytometry, in assessment of malignancy of cartilage tumours, **65A**, *779
Flucloxacillin
in control of staphylococcal infection in rabbit hip arthroplasties, **69B**, 165
in treatment of subacute osteomyelitis in childhood, **67B**, *443
Fluoride(s)
in treatment of osteopenia and bone quality defect, **66B**, 288
therapy, for osteoporosis, radiographic features of spine in, **69B**, *190
Fluorocarbon perfusion, effect upon preservation of amputated limbs, **67B**, *473
Fluorochrome bone labelling, *see also under* Tetracycline
Fluorocytosine, in treatment of infected total hip replacement, **66A**, *142
Fluoroscopy
guidance techniques, radiation exposure during, **65A**, *1
video-, **65B**, 365
Flurbiprofen
inhibition of postmeniscectomy synovial reaction by, **66B**, *193
trial in Colles' fractures, **68B**, 158
Focal scleroderma, affecting hand, **67A**, *637
Foot
see also Ankle; Forefoot; Heel; Tarsometatarsal joints; Tarsus; Toes
amputations
– at middle level, **68A**, *1061; **69A**, 791(*correspondence*)
– traumatic partial, long-term follow-up, **69B**, 503
arthrodesis
– triple
– – for painful hindfoot, **67B**, 671
– – in treatment of talocalcaneal coalition, **69A**, *533
bunions, free osteocartilaginous grafts, **67B**, 326
cavovarus, rigid, reconstruction, **68B**, 505
cavus, mobile, treatment, double plantar fasciotomy, **66B**, 457
club, *see* Club foot
compartment syndrome, **68A**, *1449
deformities
– analysis, **66B**, 772
– anteromedial release, **66B**, 376
– classification, **69B**, 159
– drop-foot, severe rigid, Lambrinudi triple arthrodesis for correction of, **66B**, *66
– metatarsus adductus et supinatus, isolated, management, **66B**, *376
– rheumatoid, **68B**, 505
– talipes, *see* Club foot
– valgus deformity of hindfoot, in children with spina bifida aperta, **66B**, *381
diabetic
– plantar pressure measurements, **67B**, *79
– prevention of ulceration, **67B**, *79
disability after tibial shaft fracture treated by internal fixation, **65B**, 326
disorders, epidemiology, **66B**, 142
dorsiflexion
– surgical anatomy, **66B**, *71
– weakness, and changes in compartment pressures after tibial osteotomy, **68B**, *471
drop, persistent, tendon transfer in management of, **67B**, 326
evolutionary trends, **66B**, 773
first metatarsal web space, vessels of, **65A**, *235
first ray, mid-tarsal dislocation of, **65A**, *265
flat, *see* Flat foot
fractures, stress, diagnosed by isotope scan, **69B**, *448
hindfoot
– arthritic, talonavicular fusion for, **65B**, 667
– injury, late subtalar arthrodesis after, **66B**, 144
– painful, triple arthrodesis for, **67B**, 671
– stabilisation in rheumatoid arthritis, **65B**, 519
– valgus deformity, in children with spina bifida aperta, **66B**, *381
injuries
– assessment, use of bone scans, **69B**, 159
– overuse, stress fractures of second metatarsal involving Lisfranc's joint in ballet dancers, **67A**, *1372
Jaccoud's arthritis involving, **66A**, *1124
kinematics, in vivo analysis, **69B**, 678
loading, following tibial shaft fractures, **65B**, 366
longitudinal arch, **69A**, *426
movement, assessment, **69B**, *838
NMR imaging of, **68B**, 845
osteomyelitis, in diabetes, *Eikenella corrodens* causing, **69A**, *940
pain, unexplained, radioisotope scanning for, **69B**, *448
pathology, commonly missed, **68B**, 843
pigmented villonodular synovitis, **66A**, *87
pressure measurements
– comparative investigation of clinical value, **68B**, 843
– in diabetes, **67B**, *79
pressure plate, **69B**, 165
rheumatoid, **67B**, 503
– management, **69B**, 679
shape in growing children, **65B**, 366
Foot (*continued*):
skew
– reappraisal of, **68A**, *1185
– treatment, Denis–Browne bar, **68A**, *1194
sole of
– painful keratoses, distal metatarsal osteotomy for, **68B**, 844
– ulcers, aetiology, treatment and prevention, **68B**, 844
spastic, equinus deformity, correction by muscle-balancing procedures in adult-onset hemiplegia, **68A**, *1249
surgery in childhood, Cincinnati incision for, **66A**, 313(*correspondence*)
tumours
– metastatic lesions, **68A**, *743
– osteoid osteoma, **65A**, *638
ulcers, neuropathic, **67B**, *438
venous pump, **68B**, 667
Footwear, surgical, extra-depth shoes, **68B**, 845
Foramen magnum, trans-oral approach to, **67B**, *691
Forearm
see also Radius; Ulna; Wrist
compartment syndrome
– associated with fracture of distal end of radius, **68A**, *1451
– late surgical decompression, **66B**, *745
– weight-lifting causing, **65A**, *406
deformities, in multiple hereditary osteochondromas, management of, **66A**, *670
distal, fractures, short arm plaster for, **69B**, 506
effects of angular and rotational deformities, **66A**, *65
fibrosarcoma, congenital, **68A**, *620
fractures
– concomitant with fracture of humerus, **66A**, *552
– cross-union complicating, **68B**, 856; **69A**, *640
– – in adults, **69A**, *640
– – in children, **69A**, *654
– malunion
– – angulation of radius, **68B**, *751
– – correction, use of drill osteoclasis, **66B**, 302
– of both bones of
– – entrapment of flexor digitorum profundus in ulna, **68A**, *1102
– – in child, complications, **68A**, *451
– open, immediate internal fixation, **68A**, *1008
– treatment
– – carbon composite plates, **68B**, 161
– – carbon-fibre reinforced plastic implants, **65B**, 364
– – compression plating, **67B**, 326
osteocutaneous flap, in total thumb reconstruction, **67B**, 153
refracture of bones after plate removal, **66A**, *1241; **67A**, 505(*correspondence*)
repair of ulnar and median nerves in distal part of, anatomical basis, **68A**, *273
Forefoot
see also under Foot
arthroplasty, **68B**, 679
biomechanics, and rationale of lesser metatarsal osteotomy for metatarsalgia, **69B**, 158
residual adduction
– in club foot, treatment by osteotomy of first cuneiform, **66A**, *985
– Turco procedure for congenital club foot, **69B**, *832
surgery, local anaesthesia, surgeon-administered, **69B**, 503
Forestier's disease, *see* Skeletal hyperostosis
Fracture(s)
see also Accidents; Injuries; *and under structures* involved
accelerated union, association with head injury, **69B**, 493
burst
– thoracolumbar, single-stage anterior decompression and stabilisation, **67B**, 328
– with neurological defect, intrathecal decompression and stabilisation, **67B**, 328
callus
– calcium in, histochemical localisation with potassium pyroantimonate, **68A**, *703
– possible role of chondrocyte mitochondrial calcium in calcification, **68A**, *703
closed, nerve injuries associated with, **66B**, 458
comminuted, treatment, closed locked intramedullary nailing, **67A**, *709
deep-vein thrombosis in children following, **6A**, *839
delayed union, treatment, development of iron-cored electromagnet, **66B**, *754
experimental
– enchondral calcification in healing, **68B**, *629
– healing, contributions of dietary protein and mineral, **68A**, *1389
– non-union, influence of applied micromovement, **68B**, 840
fixation
– elastic, **66B**, 605
– external reduction and fixation system, **65B**, 657
– rigid *v.* semi-rigid, **66B**, 605

* Indicates full article or appreciable part

Fracture(s) (*continued*):
healing
– *see also* Bone healing; Bone repair
– acceleration of
– – electrical stimulation in, **65B**, 364
– – intermittent cyclical loading in, **65B**, 364
– action of prostaglandins, **67B**, 317
– after Ender's nailing, **67A**, *84
– assessment
– – by vibration analysis, **66B**, 286
– – photon absorption densitometry, **69B**, 495
– contributions of dietary protein and mineral, **68A**, *1389
– distribution of alkaline phosphatase activity, **68B**, *629
– effect of head injury, **69B**, 493, *521, *525, 518(*annotation*), 680
– effect of ultrasound, **69B**, 494
– effect of zinc deficiency on, **66B**, 287
– in avascular segment of bone, **67B**, 159
– influence of induced micromovement, **67B**, *650
– interference with vitamin K_1 cycle in, **65B**, 365
– intra-osseous venography in assessment of, **65B**, 658
– levels of active metabolytes of vitamin D in chicks, **69B**, *132
– mineral parameters, **66A**, *1289
– time for, in Ugandan African, **69B**, *56(*brief report*)
– uptake of ^{99m}Tc hydroxymethylene diphosphonate, factors affecting, early dynamic bone-imaging as indicator, **67A**, *763
– using sequential technetium 99-m methylene disphosphonate scintigraphy, **67B**, 507
– vitamin D metabolism and, **67B**, 92
impending pathological, proposed scoring system for diagnosis, **68B**, 502
in wild animals, **69B**, 496
intra-articular, displaced, experimental model, **67B**, 679
intracapsular, results of treatment, **66B**, 295
management in patient with multiple trauma, **68A**, *945(*current concepts review*); **69A**, 152(*correspondence*)
metastatic, internal fixation, **66B**, 145
non-union
– assessment, intra-osseous venography in, **65B**, 658
– electrical stimulation, prospective study, **67B**, 493
– infected, bone graft and stabilisation for, **66B**, 782
– treatment, **66B**, 296, *573
– – bone graft and stabilisation, **66B**, 782
– – capacitively coupled electrical field, **67A**, *577
– – development of iron-cored electromagnet, **66B**, *754
– – pulsed electromagnetic fields, **67B**, 503
open, antibiotics in, prospective randomised double-blind study, **68B**, 850
operative repair, cephalosporins for prophylaxis, **67A**, *921
pathological, in elderly, starvation as cause, **66B**, 779
patterns in child abuse, **69B**, 154
physeal closure, premature partial, assessment and treatment, **69B**, 154
plating, *see* Plating of fractures
reduction, **66B**, 159
stress
– in infant, **66A**, *1106
– in military recruits, **67B**, *732
– recurrent, in military recruits, **68B**, *439
supracondylar, open reduction, **68B**, 336
treatment, dynamic axial fixator, **66B**, *538
vascular injuries associated with, **68A**, *947(*current concepts review*)
Fracture-dislocation(s), percutaneous surgery, **66B**, 778
Fracture-table, crush syndrome associated with use of, **69A**, *1447
Fragilitas ossium, *see* Osteogenesis imperfecta
France, orthopaedics in, **66B**, *604(*invited contribution*)
Freiberg's disease
operation for, **67B**, 671
review of management, **69B**, 158
Friedreich's ataxia
muscle weakness and loss of ambulatory function in, **69B**, 507
natural history of scoliosis in, **68A**, 564; **68B**, 855
Frozen shoulder, arthroscopic surgery for, **68B**, 201 855
Frozen shoulder syndrome, manipulation, technique and efficacy, **67B**, 495
Fuller, Professor, death of, **65B**, 676
Functional electrical stimulation, *see* Electrical stimulation

G

Gait
analysis
– after unilateral or bilateral total knee replacement, **69A**, *1340
– electrocardiographic telemetry, **69A**, *1155
– in assessment of ankle fractures, **65B**, 366
– in determination of optimum position for ankle arthrodesis, **69A**, *1052
– in growing children, **65B**, 366
– observation and measurement, **67B**, *237
– quantitative, after total knee arthroplasty for monarticular degenerative arthritis, **65A**, *605
Gait (*continued*):
assessment of, comparison of visual observation and quantitative measurement, **65B**, 659
changes in, after muscle-balancing procedures to correct equinus deformity in hemiplegia, **68A**, *1249
crutch walking, effect on shoulder, **66B**, 303
cycle, in disarticulation of knee, **69A**, *1155
deteriorating, due to avulsion of distal pole of patella in cerebral palsy, **67B**, *252
energy cost during
– after above-knee amputation, **67A**, *606
– after high tibial osteotomy, relationship to clinical changes, **67A**, *1188
– after knee replacement, **67A**, *606
– in paraplegia, **67A**, *1245
in spastic hemiplegia in children and young adults, **69A**, *437, 1304(*correspondence*)
intoeing, idiopathic, in children, **69B**, *75
measurement, apparatus for, **69B**, 493
Galeazzi fractures, **66B**, 613
in children, **69B**, *730
of radius, closed, results of compression plating, **67A**, *1015
Gallium scanning, **65B**, 517; **66B**, 782
see also Radioisotope scanning
clinical value for soft-tissue sarcomas of extremities, **66A**, *319
in staging of soft-tissue sarcomas, **69A**, *886
Gamekeeper's thumb, prospective study of functional bracing, **68B**, 856
Gamma scintigraphy, of bone tumours, using radiolabelled anti-osteosarcoma monoclonal antibody, **67B**, 320
Gamma scintillation camera, in study of radioactive leakage from synovial joint, **65A**, *381
Ganglia, *see also* Cysts
Ganglionic cyst, attenuating suprascapular nerve, denervation secondary to, **68A**, *627
Gangrene
gas, crepitation simulating, **67A5**, *646, 1449(*correspondence*)
impending, of leg, congenital band causing, **65A**, *410
streptococcal, mimicking compartment syndrome, **67A**, *1125
Garber, J. Neill, **68A**, 793(*obituary*)
Garden screw fixation, subtrochanteric fracture after, **68B**, 161
Gas gangrene, crepitation simulating, **67A**, *646, 1449(*correspondence*)
Gastrocnemius
fabella, incidence in osteoarthrosis of knee, **66A**, *1379
repair of, **66B**, 450
Gaucher's disease
detection prior to skeletal lesions, **66B**, 302
evaluation using magnetic resonance imaging, **68A**, *802
fractures in children with, **69A**, *1361
osteomyeltis in, **68A**, *1380
Gentamicin
incorporation in bone cement, **66B**, 784
– experimental study of hip infection, **68B**, 338
– for total hip replacement, **66B**, *175
– incidence of infection, comparison with plain cement, **69B**, *355
incorporation in polymethylmethacrylate beads
– in infected excision hip arthroplasty, **66B**, *493
– in osteomyelitis, **66B**, 784
Genu recurvatum
as possible complication after Osgood–Schlatter disease, **66A**, *1129
associated with asymmetrical arrest of proximal tibial physis, **66A**, *575
Geomedic total knee replacement, long-term results, **67B**, *548
Giant-cell tumour
of bone, *see* Osteoclastoma
of knee, en bloc excision and allograft reconstruction, **66B**, 297
of tendon sheath and synovial membrane, **66A**, *76
Girdlestone's hip arthroplasty, **66B**, *168
in salvage of infected total hip replacements, **66B**, *340
infected, gluteus medius-tensor fasciae latae myocutaneous flap for, **66A**, *1466
Townley's alternative to, **6B**, 665
Girdlestone's pseudarthrosis operation, *see* Girdlestone's hip arthroplasty
Glass, controlled release, as potential bone graft substitute, **65B**, 364
Glass-ceramic bone cement, as alternative for polymethylmethacrylate in arthroplasty, **67B**, 505
Glenohumeral joint
complications about, related to use of screws and staples, **66A**, *175
computerised arthrotomography, **69B**, 163
instability, neuralgic amyotrophy in, **69B**, *195
projection of, in shoulder radiography, **69B**, *338(*brief report*)
Glenoid
excessive retroversion, causing shoulder instability, **68A**, *724, 1128 (*erratum*); **69A**, 632(*correspondence*)
isolated tears of labrum, arthroscopic surgery for, **68B**, 201
occult fracture without dislocation, **65A**, *688
osteotomy, for recurrent dislocation of shoulder, **66B**, 140; **67B**, 496
Glove powder, surgical, effect on inoculum of bacteria required to produce abscess, **65B**, 664
Glucose, metabolism during stress, **68A**, *784(*current concepts review*)

* Indicates full article or appreciable part

Gluteal artery, superior, injury, complicating total hip-replacement arthroplasty, **65A**, *268
Gluteus medius-tensor, fasciae latae myocutaneous flap for infected Girdlestone procedures, **66A**, *1466
Glycerol phosphate shuttle, absence in various zones of growth plate, **65A**, *663
Glycosaminoglycans
see also Proteoglycans
crystal changes in fractured femoral neck, **65B**, *189
loss, effect of antibiotics on, **69A**, *1063
serum, in adolescent idiopathic scoliosis, school screening for spinal deformity and, **65B**, 675
Godoy Moreira, *see* de Godoy Moreira
Golding, Hon. John, Knighthood, **68B**, 509
Gonarthrosis
see also Osteoarthritis; Osteonecrosis
re-evaluation of standing anteroposterior radiograph, **69B**, 504
total condylar knee prosthesis in, **65A**, *619; **66A**, 472(*correspondence*)
varus, high tibial osteotomy for, **66A**, *1040
Goniometry, electrogoniometric examination of pivot shift sign, **65B**, 659
Goretex replacement, in treatment of anterior cruciate deficiency, **69B**, 161
Gout
presenting as femoral cyst, **66A**, *294
synovitis secondary to, in area of prosthetic hip joint, **66A**, *610
tophaceous, causing loosening of total hip prosthesis, **69A**, *1096
Grafting
bone, *see* Bone grafting
fat, *see* Fat grafting
Gregg, Paul J., appointed to Foundation Chair of Orthopaedic Surgery, University of Leicester, **68B**, 339
Grice–Batchelor extra-articular subtalar arthrodesis, **68B**, *125
Grid radiograph, **68A**, *1052
Grip-and-release test, in myelopathy hand, **69B**, *216
Grisel's syndrome, anatomical rationale for, **66A**, *568
Groin
flap, microvascular osteocutaneous transfer using, **65B**, 96
free vascularised osteocutaneous transplants from, for delayed primary closure in reconstruction of hand and wrist, **67A**, *958
lump in, due to osteoarthritis of hip, **69B**, *480(*brief report*)
Grosse–Kempf locking nails, in fixation of tibial shaft fractures, **67B**, 325
Growth disturbance, of heel, following osteomyelitis of calcaneus in newborn, **68A**, *302
Growth plate, *see* Epiphyseal cartilage
Gruca operation, for congenital absence of fibula, **69B**, *587
Guanethidine, effects of intravenous injection, **65A**, *808
Gucker, Thomas, III., **69A**, 312(*obituary*)
Guepar hinge prosthesis, **65B**, 226
Gunshot injuries, *see under* Injuries
Gunstock deformity, aetiology, **69B**, 501
Gurd's criteria, for diagnosis of fat embolism syndrome, **69B**, *128

H

Haemarthrosis, *see under specific structures*
Haematogenous osteomyelitis
acute, **67B**, 332
subacute, in childhood, **67B**, *443
Haematoma
postoperative wound, incidence of, and size of suction drains, **69B**, 497
wound, after hip surgery, ultrasound study, **68B**, 497
Haemochromatosis, early, articular diversity of, **69B**, *41
Haemodialysis, carpal tunnel syndrome in patients on, **67B**, *130
Haemodynamic changes during cemented arthroplasty, role of lavage in preventing, **65A**, *500
Haemoglobinopathies, *see* Sickle cell disease
Haemophilia
diagnostic ultrasound, **69B**, *103
early bleeding into muscles of lower limb, clinical features, **65B**, *19
joint protection by radiocolloids, **66B**, 457
knee synovectomy in, **68B**, 674
mild, avascular necrosis of femoral head in, **67B**, 675
modern management of, **65B**, 519
musculoskeletal complications, **65B**, 519
septic arthritis of knee in, **65A**, *267
severe, early bleeding into upper limb muscles, **69B**, *100
synovectomy of elbow in young patients, **69A**, *264
total knee arthroplasty in, **65B**, *163; **67A**, *1361
Haemophilic arthropathy
chronic, surgical synovectomy for, **66B**, 302
treatment, synovectomy of knee, **68A**, *210; **69A**, 152(*correspondence*)
Haemorrhage
complicating total hip arthroplasty revision, control by arteriographic embolisation, **65A**, *848
in posterior fusion for scoliosis, control by induced hypotension, **65B**, *255
intramedullary, and avascular necrosis of femoral head, **69B**, *346
Haemosiderosis, causing osteopenia and vertebral collapse, **68B**, 508
Haglund's disease, *see* Retrocalcaneal bursitis
Hallux, *see under* Toes
Hallux rigidus, **67B**, 672
surgical management, dynamic pedobarographic evaluation, **68B**, 843
treatment
– arthroplasty, Keller's, modified by Kirschner-wire distraction, **66B**, *765
– dorsal wedge osteotomy, **67B**, 680; **69B**, *835
– osteocartilaginous grafts, **67B**, 326
– surgery, changes in sesamoid position after, **69B**, 158
– Swanson Silastic spacer, **69B**, 678
Hallux valgus, **67B**, 672
chevron and Wilson osteotomies compared, **67B**, 671
degree of abnormality in different age groups, **65B**, 366
in rheumatoid arthritis, arthrodesis of first metatarsophalangeal joint, **66A**, *687
McBride-type operative treatment, hallux varus following, treated by extensor hallucis longus transfer, **66A**, *681
osteocartilaginous grafts for, **67B**, 326
plantar pressure profiles, pre-operative and postoperative assessment, **66B**, 457
treatment
– arthroplasty, Keller's, modified by Kirschner-wire distraction, **66B**, *765
– basilar phalangeal osteotomy, late results, **69A**, *64, 950(*correspondence*)
– chevron osteotomy, **65B**, 519
– – versus Silastic ball spacer, **69B**, 678
– first metatarsal osteotomy, **69B**, 493
– Keller's arthroplasty, **68B**, *132
– Keller's osteotomy, **69B**, 493
– metatarsal osteotomy, **68B**, *132, 667
– rationale for, **68B**, 844
– surgery, **69B**, 156
– – changes in sesamoid position after, **69B**, 158
– – McBride procedure, **69B**, 156
– Swanson Silastic spacer, **69B**, 678
– Wilson's osteotomy, **68B**, 679
Hallux varus
congenitus, due to delta phalanx, **66B**, *77
extensor hallucis longus transfer for, **66A**, *681
Halo external fixator, **68A**, 319(*editorial*)
complications in use, **68A**, *320; **69A**, 954(*correspondence*)
failure of immobilisation of cervical spine, **68A**, *326
increased torque pressure, **69A**, *750
Halo-body fixation system, **66B**, 148
Hamate bone, fractures, **66B**, 406
Hammer toes
in Egyptian mummies, **66B**, 773
open flexor tenotomy for, **66B**, *770
Hamstrings
effect of patellectomy on function of, **65A**, *390
strengthening of, **65A**, 184
subluxation, in irreducible congenital knee dislocation, **69B**, *403
Hand
see also Carpal bones; Carpometacarpal joints; Fingers; Thumb; Wrist
absence, congenital, wrist-powered prosthesis in, **66B**, *742
amputation, wrist-powered prosthesis in, **66B**, *742
arthrodesis, AO method, **66B**, 296
arthroplasty, wrist-powered prosthesis, **66B**, *742
assessment charts, **67B**, 154
bizarre parosteal osteochondromatous proliferation, **67A**, *648
carpal tunnel syndrome
– sensitivity testing, **66A**, *60
– treatment, without internal neurolysis of median nerve, **69A**, *896
clenched-fist deformity, tendon transfer, **69A**, *1127
elastofibroma, **69B**, *468
five-fingered, with tibial absence and pre-axial polydactyly, **65B**, *60
focal scleroderma, **67A**, *637
fracture-subluxations, **66B**, 165
fractures, **66B**, *159(*review article*)
– angulation, **66B**, 160
– articular, **66B**, 161
– comminuted, **66B**, 159
– epiphyseal, **66B**, 159, 161
– fingertip, **66B**, 159
– internal fixation, **66B**, 163
– – indications for, **66B**, 164
– joint, **66B**, 159
– metacarpal, reduction, **66B**, 159
– multiple, **66B**, 165
– oblique fractures of condyle of head of phalanx, **66B**, 164
– reduction, **66B**, *159
– rehabilitation, **66B**, *165
– retention, **66B**, *161

Hand
fractures (*continued*):
– rotational deformity, **66B**, 160
– shaft, **66B**, 159
function
– in myelomeningocele, **67B**, *268
– quantitative assessment, **68B**, 497
infections, with *Mycobacterium marinum*, conservative treatment, **69A**, *1161
intrinsic-minus, with reversal of transverse metacarpal arch, **65A**, *514
leiomyosarcoma, **68A**, *139
loss of soft tissue and bone, delayed primary closure, free vascularised osteocutaneous grafts for, **67A**, *958
melorheostosis, **69A**, *1229
myelopathy, clinical signs of cervical cord damage, **69B**, *215
pigmented villonodular synovitis, **66A**, *87
position of function, **66B**, 162
position of rest, **66B**, 162
postoperative rehabilitation, continuous passive motion in, **69B**, 501
quadriplegic, surgical reconstruction on, **65B**, 667
rheumatoid arthritis, treatment, silicone-rubber implant arthroplasty of metacarpophalangeal joints, **68A**, *206
spastic, transfer of flexor digitorum superficialis tendons to flexor digitorum profundis tendons, **69A**, *1127
triple nerve palsy, surgical reconstruction in, **66B**, *260
tumours
– metastatic, **65A**, *1331; **68A**, *743
– osteoclastoma, presenting as expansile diaphysial lesion, **65A**, *692
Hangman's fracture, **66B**, 780
as misnomer, **69B**, 684
in infancy, **68B**, *702
in osteogenesis imperfecta, **66A**, *778
management, **65B**, 98
Harrington instrumentation of spine
anaesthesia for, induced moderate hypotensive, **67A**, *1384
comparison of effectiveness of hooks, **68B**, 680
complications, iliofemoral thrombosis, **67A**, *1273
for scoliosis, **69B**, 853
– adolescent idiopathic, **68A**, *1326
– compared with Luque instrumentation, **69B**, 853
– compared with segmental instrumentation, **66B**, 299
– lung function in, **69B**, 853
– with Dwyer instrumentation and posterior fibula graft, **68B**, 508
for thoracolumbar fractures, complications, **67A**, *672
in Marfan's syndrome, iatrogenic kyphosis complicating, **66A**, *460
in treatment of tuberculosis, **69B**, 684
in unstable fracture-dislocations of thoracolumbar spine, **68B**, 508
postoperative neurological deficits, **66A**, *1178
removal of sublaminar wires after arthrodesis, **69A**, *1419
Harrington distraction rod in treatment of adolescent idiopathic scoliosis, **69B**, *179 in treatment of thoracic lordoscoliosis, **66A**, *1102; **67A**, 822(*correspondence*) subcutaneous, for scoliosis, **69B**, 164
Harris metal-backed acetabular hip component, aseptic loosening, **67A**, *387
Hartshill rectangle, in spinal instrumentation, **68B**, 681
Hastings hip prosthesis, **65B**, *548
Hatcher, C. Howard, **65A**, 713(*obituary*)
Hauser, Emil D.W., **65A**, 423(*obituary*)
Head
in moulded baby syndrome, **66B**, 491
injuries
– effect on fracture healing, **69B**, 493, 518(*annotation*), *521, *525, 680
occiput, pyogenic osteomyelitis, **69A**, *1069
trauma, resection of heterotopic ossification, **67A**, *1261
Heart disease, congenital, incidence of scoliosis in, **68B**, 681
Heel
see also Calcaneus; Talus; Tarsus
growth disturbance, following osteomyelitis of calcaneus in newborn, **68A**, *302
painful, due to osteocartilaginous nodule, **66A**, *607
papules, painful piezogenic, **67A**, *640
strike impulses in three dimensions, induced shear within knee joint, **67B**, 319
transfer of tibialis anterior to, in treatment of spina bifida, **68A**, *1258
Hemiarthroplasty
acetabular erosion after, prevention of, **65B**, 219
in healthy patients, operative delay versus prognosis, **69B**, 153
Thompson prostheses, cemented and uncemented, **65B**, 218
Hemiplegia
adult-onset, changes in gait after muscle-balancing procedures to correct equinus deformity, **68A**, *1249
spastic, gait patterns in children and young adults, **69A**, *437, 1304(*correspondence*)
treatment, functional electrical stimulation of peroneal nerve, **67A**, *792
Hemivertebrae
see also Scoliosis, congenital
causing scoliosis, **68B**, *588
Hemivertebrae (*continued*):
fully segmented, **68B**, 588
incarcerated, **68B**, 588
Hensley, Cline D., **65A**, 1032(*obituary*)
Heparin therapy
complications
– thrombocytopenia and thrombosis syndrome, **69A**, *935
– thrombocytopenia with venous thrombosis, **67A**, *1123
Heparin
in prevention of thrombo-embolism, **68A**, *147(*current concepts review*)
– after hip arthroplasty, **67B**, *538
– after hip fracture, **67B**, *305
Hepatitis B antigen, in joint irrigation fluid, **69B**, *662
Hepatocytes, calcium flux and endogenous calcium content in, **67A**, *113
Herbert screw, for scaphoid fractures, **69B**, *124, *361
Herniae, through donor sites in ilium, **65A**, 1023(*brief note*)
Herpetic arthritis, acute monoarticular, **66A**, *623
Herpetic infection, in fingers of infants, **69A**, *137
Heterografts, *see* Xenografts
Heyman–Herndon procedure, for slipped upper femoral epiphysis, **69B**, *737
Hickman catheter, in treatment of orthopaedic infections, **67A**, *650
Hill–Sachs lesion, recurrent anterior shoulder dislocation associated with, rotational humeral osteotomy for, **66A**, *1443
Hindfoot
see under Ankle; Foot
recovery in tibial shaft fractures, **69B**, 679
Hip
see also Acetabulum; Femur
abduction, asymmetry during first year of life, **67B**, 149
abductor function, assessment by Trendelenburg test, **67B**, *741
abductor muscles
– anatomy, computed tomographic study, **69A**, *1021
– effect of trochanteric osteotomy on power of, **66B**, *180
approaches
– Stracathro, **66B**, *30
– Trendelenburg test after, **67B**, 498
arthritis
– *see also* Hip, osteoarthritis
– tuberculous, treatment, total hip arthroplasty, **69A**, *718
arthrodesis, **69B**, 488
– fistula between hip and caecum, **66B**, *603
– for painful hip in cerebral palsy, **68A**, *590
– in adolescents and young adults, long-term functional review, **67B**, 497
– in young patients, **66A**, *853
– long-term follow-up, **67A**, *1328
– long-term sequelae, **69B**, 509
– new technique, **67B**, 330
– Schneider Cobra-head plate, **67B**, 502
arthropathy
– *see also under* Femur, head of, necrosis
– mobility assessment, **69B**, 167
arthroplasty
– *see also* Hip hemiarthroplasty
– amniotic, for tuberculosis of hip, **68B**, *68
– biologic fixation, **67B**, 673
– capsular, Colonna–Hey Groves prosthesis, **69B**, *220
– conservative, **68B**, 675
– excisional
– – for infected hip replacement, **66B**, *168
– – – use of gentamicin beads, ruptured femoral vein complicating, **66B**, *493
– – Girdlestone procedure, infected, gluteus medius-tensor fasciae latae myocutaneous flap for, **66A**, *1466
– experimental
– – infection, **67B**, *229
– – prevention of infection by gentamicin-incorporated bone cement, **68B**, 338
– femoral component, mechanical loosening, **68B**, 392
– greater trochanteric, new technique, **66B**, *331
– implants, fractures of distal end of femur below, in elderly patients, **65A**, *491
– in systemic lupus erythematosus, **69A**, *807
– in young patients, **66B**, 786
– infection in model, **65B**, 100
– iso-elastic, **68B**, 677
– replacement
– – complications, femoral fracture, **67A**, *956
– – Monk "hard top" prosthesis, **66B**, *172
– – of head and neck of femur, Bateman universal prosthesis, **66B**, 301
– – Thompson prosthesis, McFarland–Osborne approach, dislocation following, **67B**, 153
– resectional, *see* Hip arthroplasty, excisional
– surface replacement, **66B**, 614; **68B**, 336
– – cup:neck ratio, **66A**, *525
– – frictional torque in, **65A**, *366
– – ICLH method, **65B**, *405
– – Indiana prosthesis, **66A**, *518

Hip
arthroplasty
- surface replacement (*continued*):
- - subchondral bone, **66A**, *524
- - Tharies SR-3 and SR-5 prostheses, **65A**, *366
- - total articular resurfacing prosthesis (Tara), **66A**, *28; **66B**, 786
- - versus conventional total replacement, **68A**, *216, 1464(*correspondence*)
- - Wagner prosthesis, implant failure, **67A**, *1165
- threaded non-cemented acetabular components, **69B**, 508
- total replacement, **65B**, 103
- - acetabular component
- - - additional sector, in treatment of recurrent dislocation, **67B**, *402
- - - cementless fixation, **66B**, 147, 447
- - - metal-backed, **69A**, *1140
- - - - aseptic loosening, **67A**, *387
- - - reconstruction of, stress analysis in protrusio acetabuli, **65A**, *495
- - - reinforcement, **67B**, 331
- - - revision, **68B**, 851
- - - stemmed design, **67B**, 331
- - - threaded non-cemented, **69B**, 508
- - approach to trochanteric osteotomy, **68B**, 503
- - autologous blood transfusion, **69A**, *325
- - Autophor ceramic prosthesis, **66B**, 300
- - benefit analysis of, **65B**, 102
- - bilateral
- - - long-term prospective study, **68A**, *216, 1464(*correspondence*)
- - - with bilateral knee replacement in rheumatoid arthritis, **67B**, *261
- - biological fixation, **69B**, *45
- - biplane radiographic measurements of reversible displacement, **65A**, *1134
- - bone grafting for protrusio acetabuli during, **69B**, *229
- - Bousquet prosthesis, **69B**, 509
- - CAD prosthesis, **68A**, *640
- - calf blood flow during, **65B**, 518
- - cemented
- - - advances, **67B**, 331
- - - external wear of polyethylene socket, **69B**, *61
- - - in patients under fifty, **66A**, *353
- - - versus non-cemented prostheses, **69B**, 508
- - cementless ceramic hip and femoral prosthesis, **66B**, 787
- - Charnley low-friction, **66B**, *180, 299
- - - high-density polyethylene sockets, **67B**, *757
- - - in diabetic patients, **65B**, *580
- - - infection, comparison of plain and gentamicin-loaded cement, **69B**, *355
- - - intramedullary cancellous bone block to improve femoral stem fixation, **66B**, *639
- - - late dislocations, **67A**, *832
- - - long-term follow-up, **67B**, 503
- - - methylmethacrylate fixation, anaphylatoxin release associated with, **69A**, *46
- - - penetration of femoral heads into acetabular cups, role of cement and roughening, **68B**, 496
- - - prospective study of 450 cases, **67B**, *214
- - - socket wear, **67B**, *757
- - complex, using miniature or microminiature components, **65A**, *1099
- - complications
- - - acetabular cup failure, **67B**, *222
- - - acetabular deficiency, augmentation by femoral head autografting, **68A**, *1241
- - - acute haemorrhagic cystitis, **69A**, *620, 1304(*correspondence*)
- - - arterial injuries, **67B**, *517(*editorial*)
- - - aseptic failure, **67A**, *513
- - - blood loss in revision arthroplasty, arteriographic embolisation for, **65A**, *848
- - - deep vein thrombosis, fat in genesis of, **65B**, 673
- - - discharge from wound, **65B**, *412
- - - ectopic bone formation, **69B**, 167
- - - excessive metal release due to loosening and fretting of sintered particles, **68A**, *606; **69A**, 310(*correspondence*)
- - - femoral failure, **67A**, *956
- - - femoral neuropathy secondary to pressurised cement, **69A**, *623
- - - femoral stems, failed, Townley salvage procedure, **65B**, 665
- - - fracture of femoral component, **67A**, *497
- - - heterotopic ossification
- - - - prevention by administration of diphosphonate, **67A**, *400
- - - - prevention by low-dose radiation therapy, **68A**, *1423
- - - iliac aneurysm, **65B**, *359
- - - infection, **65B**, *412; **66A**, 544, *1393
- - - - comparison of plain and gentamicin-loaded cement, **69B**, *355
- - - - contamination of suckers, **68B**, *151
- - - - detection, **66B**, 300
- - - - Echinococcus infestation, **69A**, *1456
- - - - experiments using rabbit hip model, **65B**, 664
- - - - gluteus medius-tensor fasciae latae myocutaneous flap for Girdlestone procedures, **66A**, *1466

Hip
arthroplasty
- total replacement
- - complications
- - - infection (*continued*):
- - - - in diabetic patients, **65B**, *580
- - - - interhospital criteria audit, **65B**, 663
- - - - prevention by gentamicin-incorporated bone-cement, **68B**, 338
- - - - prophylactic antibiotics against
- - - - -rifampicin compared with flucloxacillin, **69B**, 165
- - - - successful reimplantation after treatment with Amphotericin B and 5-fluorocytosine, **66A**, *142
- - - - treatment
- - - - -excision arthroplasty, **66B**, *168
- - - - -reimplantation, **66B**, 300
- - - - -resection arthroplasty, **69A**, *510
- - - - -salvage by Girdlestone's arthroplasty, **66B**, *340
- - - - -use of vastus lateralis flap, **69A**, *510
- - - injury to remote veins in canine model, **65A**, *97
- - - late, bone cement within pelvis, **66B**, *41
- - - leg-length discrepancy, method of prevention, **69B**, 489
- - - localised osteolysis, **68A**, *912
- - - loosening, **65A**, *1134; **66A**, *542; **66B**, 300, 447; **68B**, *392; **69A**, *1140
- - - - after use of medullary-plug cementing technique, **68A**, *1064
- - - - femoral cement compactor in avoidance of, **65A**, *1335; **66A**, 808(*correspondence*)
- - - - in metal-backed acetabular component, **67A**, *387
- - - - methods of detection, **68B**, *392
- - - - of femoral component, **69B**, 155, 509, *558
- - - - radiographic and RSA study, **68B**, *770
- - - - results of revision, **67A**, *1074
- - - - secondary to tophaceous gout, **69A**, *1096
- - - - synovial-like membrane at bone–cement interface, **65A**, *575
- - - malignant fibrous histiocytoma, **66B**, *38
- - - obstructions in venous blood flow, **69B**, 498
- - - obturator-nerve palsy resulting from intrapelvic extrusion of cement, **67A**, *1225
- - - occlusion of common femoral artery, **67B**, *533
- - - painful synovitis secondary to gout, **66A**, *610
- - - perforation of external iliac artery and ureter, **69A**, *620, 1304(*correspondence*)
- - - pulmonary embolism
- - - - aspirin and low-dose warfarin in, **65A**, 567(*correspondence*)
- - - - detection using $C^{15}O_2$ pulmonary scans, **66A**, *1388
- - - recurrent dislocation, **67B**, *402
- - - superior gluteal artery injury, **65A**, *268
- - - thromboembolic disease, prophylaxis, **67A**, *57, 983(*correspondence*); **68A**, *146(*current concepts review*), *1304*(*correspondence*)
- - - - heparin and dihydroergotamine, **67B**, *538
- - - treatment, revision operation, *see* Hip arthroplasty, total replacement, revision operation
- - - tumour formation, **66B**, 625, *629, *632
- - - urinary retention, **69B**, *64
- - - - in men, **68A**, *1435
- - - vascular, **66A**, *458
- - - vesico-acetabular fistula, **69B**, *150(*brief report*)
- - CT scanning in, **68B**, 669
- - conventional versus resurfacing, **68A**, 1464(*correspondence*)
- - device to maintain pelvic orientation in lateral position, **68B**, 503
- - double-cup prosthesis, **66B**, 147
- - evaluation
- - - grid radiograph, **68A**, *1052
- - - need for standardised system, **68A**, 635(*correspondence*)
- - evaluation of results, need for standardised system, **67A**, *511 (*editorial*), 1143(*correspondence*)
- - failure, **69A**, *1144
- - - assessment of, **66A**, *540
- - - cementless salvage, **69B**, 509
- - - treatment, massive allografting, **68A**, *4
- - femoral component
- - - accelerated polymerisation of cement, **67B**, 505
- - - cemented, revision operation, **69B**, 509
- - - improved cementing, **68B**, 850
- - - in revision operation, **67A**, *520
- - - influence of prosthetic stem stiffness and of calcar collar on stresses in proximal end of femur, **66A**, *280
- - - iso-elastic total hip, **67B**, 502
- - - long-stem, **69B**, 165
- - - loosening, **69B**, *558
- - - low-modulus porous-coated, **66A**, *888
- - - low-modulus titanium-alloy, radiographic analysis, **67A**, *48
- - - neck fractures, **67A**, *497
- - - union of trochanteric osteotomy using U-bolt fixation, **66B**, 446
- - femoral neck offset in, **65B**, 665
- - for degenerative joint disease, **66A**, *745
- - for displaced intracapsular fractures, **66B**, 614

* Indicates full article or appreciable part

Hip
arthroplasty
– total replacement (*continued*):
– – for displaced subcapital fractures of femur, **67B**, *214
– – for Paget's disease of hip, **66A**, *752
– – for painful hip in cerebral palsy, **68A**, *590
– – for tuberculous arthritis of hip, **69A**, *718
– – frictional torque in, **65A**, *366
– – gentamicin-loaded cement in, **66B**, *175
– – heterotopic bone following, **68B**, 674
– – Howse prosthesis, long-term results, **69B**, *545
– – ICLH double-cup, Oswestry experience, **68B**, 160
– – in adolescents, **66B**, 301
– – in ankylosing spondylitis, **68B**, 669
– – in congenital hip dislocation, **69B**, 156
– – – in adults, **68B**, 502; **69B**, *752
– – in juvenile chronic arthritis, **66B**, 141; **68B**, *218; **69B**, 682
– – – ectopic ossification following, **65A**, *812
– – in juvenile rheumatoid arthritis, **68A**, *502
– – in osteoarthritis of hip, **66A**, *228
– – in Paget's disease, **69A**, *766
– – in patients under forty-five, **65A**, *474
– – in peri-acetabular chondrosarcoma, **67B**, *413
– – in previously septic hip, **65A**, *1256
– – intramedullary screwed hip prosthesis, **66B**, 300
– – intravenous methylmethacrylate after, **66A**, *443
– – iso-elastic cementless prosthesis, **69B**, 681
– – – technique, results and complications, **67B**, 502
– – leg length discrepancy after, **65B**, 103
– – low-modulus porous-coated, **67A**, 1142(*correspondence*)
– – lower limb joint loading, **65B**, 368
– – McKee–Farrar metal-on-metal prosthesis, **68B**, *520
– – – long-term follow-up, **67B**, 497
– – Madreporic cementless prosthesis, **68B**, 852; **69B**, 508
– – measurement of angle of anteversion of acetabular cup, **68B**, *409
– – metal-to-polyethylene prosthesis, **68B**, *392
– – Minneapolis femoral component with Müller HDP acetabular component, **67B**, 498
– – Müller prosthesis, **66B**, 300
– – – ten-year follow-up, **65A**, 711(*correspondence*)
– – non-cemented prosthesis, **66B**, 300; **67B**, 330
– – porous coatings, **69B**, *45
– – – biological fixation, **69A**, *1459(*current concepts review*)
– – – in weight-bearing model, comparative study, **68A**, *1396
– – porous metal-coated
– – – osteolytic changes following, **67B**, *218
– – – preliminary experience, **67B**, 673
– – Pretoria ceramic hip prosthesis, **67B**, 502
– – prosthesis fixation, methylmethacrylate, anaphylatoxin release associated with, **69A**, *46
– – prosthetic position, **68B**, 851
– – reattachment of greater trochanter after, **67B**, *736
– – rebuilding deficient acetabulum, **67B**, 676
– – revision operation, **68B**, 851; **69B**, *57
– – – allograft reconstruction of acetabulum, **68A**, *527
– – – arteriographic embolisation for blood loss control, **65A**, *848
– – – complications, **67A**, *1077; **69A**, *1144
– – – – intraoperative, prevention of, **66A**, *458
– – – following infection, **65B**, 224
– – – – non-cemented prosthesis, **67B**, 330
– – – long-stem femoral prosthesis in, **69B**, 165
– – – multiple, **69A**, *1144
– – – results, **66B**, 301; **67A**, *1074
– – – thrombosis of iliofemoral artery during, **68A**, *454
– – Ring prosthesis, **68B**, 669; **69B**, *374
– – – in resolution of protrusio acetabuli, **66B**, *635
– – – revision, **68B**, 669; **69B**, *374
– – – stemmed acetabular component design, **67B**, 331
– – survivorship analysis, **68A**, *1430
– – Tharies prosthesis, **66A**, *228
– – time-related improvement in range of motion after, **67A**, *1251
– – Trapezoidal-28 prosthesis, **65A**, *366; **66A**, *228
– – trochanteric wire revision, **69B**, *352
– – ultra-high molecular weight components, stresses in, **68A**, *1041
– – uncemented, **65B**, 219
– – versus osteotomy, **66A**, *150
– – without blood transfusion, **68A**, *350
arthrosis, *see* Hip, osteoarthritis
aspiration, in assessment of failed total hip replacement, **66A**, *540
cadaveric, Asian, surface morphology, **67B**, *225
capsule, intra-operative culture for tests, **68B**, 851
chondrolysis, idiopathic, **65A**, *1266
chondromatosis, synovial, juvenile, **65A**, *552
clicks
– in newborn, **67B**, 491
– screening for, **69B**, 490
deformities, *see* Coxa vara

Hip (*continued*):
diseases
– comparative study of Japanese, Oriental and American white patients, **67A**, *1376
– radiography in, diagnostic value of traction, **65B**, *428
dislocation
– *see also* Hip dysplasia; Hip subluxation
– after selective premature fusion of triradiate cartilage, **66B**, *334
– anterior, with ipsilateral basicervical fracture, **67A**, *326
– congenital, **66B**, *469(*editorial*), 613, 792(*corrigendum*)
– – *see also* Hip dysplasia
– – as connective tissue disease, **65B**, 673
– – attenuation of sound transmission in, **69B**, 850
– – avascular necrosis complicating, **65A**, 1029 (*correspondence*); **68A**, *841; **68B**, *427
– – computerised tomography in, **66B**, *472
– – diagnosis, **68B**, *653(*brief report*)
– – – by vibration-emission, **65B**, 656
– – – delayed, **68A**, *839
– – – evaluation of teaching model for, **65B**, 103
– – – loss of hamstring tightness, **69B**, 155
– – – new aid in, **66B**, 281
– – – real-time ultrasound in, **67B**, *406
– – growth-disturbance lines, **67A**, *626
– – hip clicks and, **67B**, 491
– – in adults, total hip replacement, **68B**, 502; **69B**, *752
– – in children, comparison of effects of femoral shortening and of skeletal traction, **66A**, *21
– – in newborn, **67B**, 674
– – late diagnosis, **69B**, 164
– – late treatment, Colonna–Hey Groves arthroplasty, **69B**, *220
– – management
– – – derotation osteotomy, **67B**, 492
– – – shelf operation, **69B**, 498
– – – surgical, **69B**, 155
– – neonatal screening, **67B**, 487
– – – accuracy of, **67B**, 487
– – opposite hip in, **65B**, *279
– – persistent dysplasia in, treatment, varus derotation osteotomy, **67A**, *195
– – problem of over-reduced hip, **69B**, 850
– – radiography in diagnosis, **67B**, 487
– – results of 10-year screening programme, **65B**, 226
– – screening for, **69B**, 490
– – surgical therapy in infants, **66A**, *412
– – surveillance programme, **69B**, 498
– – treatment
– – – Chiari pelvic osteotomy, **69B**, 156
– – – complications, avascular necrosis, **65A**, 1029(*correspondence*); **68A**, *841; **68B**, *427
– – – conservative, **67B**, 491
– – – Denis Browne abduction harness, safety of, **68B**, *275
– – – Denis Browne hip splint, **68B**, 156, 336
– – – derotation osteotomy, **66B**, *485
– – – early primary surgery, **68B**, 668
– – – growth abnormalities of proximal femur following, **68B**, 668
– – – in young children, **68A**, *829
– – – innominate osteotomy, anterior and posterior hip displacement after, **69B**, *361
– – – late femoral osteotomy, **69B**, 850
– – – open reduction by medial approach in infancy, **68B**, 668
– – – Pavlik harness, **65A**, *760; **65B**, 517
– – – – medial knee instability complicating, **65A**, *678
– – – Salter innominate osteotomy, **68A**, *79
– – – splintage, safety and reliability of, **69B**, *257
– – – surgical, in young children, **69B**, 683
– – – total hip replacement, **69B**, 156, *752
– – – – CT scanning, **68B**, 669
– – – use of greater trochanter on vascular pedicle, **69B**, 491
– – ultrasonic examination, **67B**, 487
– CT scans for, **66B**, 612
– disposition to, radiography, **66B**, 479
– following Thompson arthroplasty, **67B**, 153
– in cerebral palsy
– – factors affecting incidence, **67B**, *530
– – management in children with total body involvement, **66B**, *451
– pathological, in neurofibromatosis, **65A**, *414
– posterior
– – computerised tomography after, **69B**, *556
– – femoral neck fracture associated with, **66B**, *41
– – traumatic, coxarthrosis following, **69A**, *679
– posterior approach, **66B**, 614
– recurrent
– – after total hip replacement, **67B**, *402
– – atraumatic, **69A**, *938
– – with "Bankart-type" lesion, **68B**, *398

Hip
dislocation (*continued*):
- traumatic
- - in adolescence with separation of capital epiphysis, **65B**, *148
- - posterior
- - - late effects of, **65B**, *150
- - - predisposing biological factors, **67B**, *232
- treatment, tectoplasty, **68B**, *55
- voluntary habitual, **66A**, *1117
displacement
- after innominate osteotomy, **69B**, *361
- ultrasound in screening and management **69B**, 490
dysplasia
- *see also* Acetabulum, dysplasia
- Beukes' familial, **67B**, 506
- congenital
- - associated with abduction contracture of contralateral hip, **65A**, 871(*correspondence*), 1029 (*correspondence*)
- - diagnosis, real-time ultrasound in, **67B**, *406
- - diagnostic and management problems, **69B**, 155
- - shelf operation in, **69B**, 491
- dynamic canine model, **66A**, *1281
- early recognition, **66B**, *479
- in congenital dislocation of hip, treatment, varus derotation osteotomy, **67A**, *195
- managememt, in adolescents and young adults, **68B**, 502
- Namaqualand, **67B**, 506
- treatment
- - rotational acetabular osteotomy for, **66A**, *430
- - tectoplasty, **68B**, *55
- - total replacement using miniature or microminiature components, **65A**, *1099
- - triple osteotomy of pelvis, **66B**, 609
exposure, by anterior osteotomy of greater trochanter, **68B**, *382
fistula between caecum and, **66B**, *603
flexion contracture, in juvenile chronic arthritis, **68B**, *404
fracture-dislocation
- *see also* Hip dislocation
- femoral neck fracture associated with, **66B**, *45
fractures
- *see also under* Femur
- basicervical, treatment, Ender-pin fixation, complications, **65A**, *66, 1031(*correspondence*), 1355(*correspondence*)
- CT scans for, **66B**, 612
- in children, **69B**, 683
- in elderly patients, **69A**, *1335
- in rheumatoid arthritis, **65B**, 517
- internal fixation, threaded pins, migration causing vascular injury, **67A**, *804
- intertrochanteric
- - treatment
- - - Ender-pin fixation, complications, **65A**, *66, 1355 (*correspondence*)
- - - sliding screw-plate, disengagement and intrapelvic protrusion of screw from, **65A**, *697
- mortality rate in elderly patients, **69B**, 503
- subcapital, Thompson hemiarthroplasty, **68B**, 852
- subtrochanteric, treatment, Ender-pin fixation, complications, **65A**, *66, 1355(*correspondence*)
- suspected, bone scanning for, **69B**, *251
- thrombosis after, dextran/aspirin versus heparin/dihydroergotamine in prevention of, **67B**, *305
function, assessment, **69B**, 498
hemiarthroplasty
- in healthy patients, operative delay versus prognosis, **69B**, 153
- response of articular cartilage to weight-bearing against metal, **66B**, *592
- two-component, **69B**, 488
hinge abduction, diagnosis and treatment, **68B**, *61
hypoplasia, total replacement using miniature or microminiature components, **65A**, *1099
in cerebral palsy, management, **68A**, *629(*current concepts review*)
in juvenile chronic arthritis, soft-tissue release, **68B**, *404
in juvenile rheumatoid arthritis, **68B**, 674
- patterns of deformity, **68B**, 851
in moulded baby syndrome, **66B**, *491
in myelomeningocele, **66B**, 451
infant
- abduction asymmetry, **67B**, 149
- abductor contracture, **67B**, 149
- ultrasonography, real-time, **67B**, 149
infections
- *see also under* Hip arthroplasty
- postoperative, *see under* Hip arthroplasty, total replacement, complications
- psoas abscess mimicking septic hip, **67A**, *1281
- sepsis, total hip replacement following, **65A**, *1256

Hip
infections (*continued*):
- tuberculosis
- - amniotic arthroplasty for, **68B**, *68
- - treatment, total hip arthroplasty, **69A**, *718
injuries, *see* Hip dislocation, traumatic; Hip fractures; Femur, fractures
instability, neonatal, Pavlik harness for, **65B**, 517
irritable, Perthes' disease and, **67B**, 508
joint, incongruity of, **65B**, 91
mechanics
- contact pressures, **69B**, *536
- load distribution, **65B**, 91
- radiographic analysis, **66A**, *145
newborn maturation disturbance, ultrasound screening, **69B**, 490
osteoarthritis
- bone turnover in, **67B**, 318
- following traumatic posterior dislocation, **69A**, *679
- in Asians, **67B**, 225
- in patients with proximal femoral fractures, **69B**, *529(*brief report*)
- osteoblastic response to, **69B**, *746
- pin due to, effect of peripheral electrical nerve stimulation, **67B**, 152
- treatment, **66A**, *228
- - osteotomy, **66A**, 144
- - - intertrochanteric, **66A**, *1
- - - - medial-displacement, **66A**, *878
- unusual presentation, **69B**, *480(*brief report*)
osteochondritis juvenilis, *see* Perthes' disease
osteonecrosis, *see also* Femur, osteonecrosis
- treatment, intertrochanteric osteotomy, **69B**, 502
osteoplasty, postoperative toxic shock syndrome following, **66A**, *995, 1321(*correspondence*); **67A**, 504(*correspondence*)
osteoporosis
- idiopathic transient, **69B**, *769, 773(*brief report*)
- transient, **67A**, *490
- - in children, **66B**, 612
osteotomy, in treatment of osteoarthritis, **66A**, *144
painful
- in cerebral palsy
- - treatment
- - - hip arthodesis, **68A**, *590
- - - total hip replacement, **68A**, *590
pigmented villonodular synovitis, **66A**, 91
postoperative
- *see also* Hip arthroplasty
- immediate functional movement, **66B**, 453
prostheses, *see under* Hip arthroplasty
pyarthrosis, Kawasaki syndrome presenting as, **68A**, *467
radiography, diagnostic value of traction during, **65B**, *428
raised intracapsular pressure, in synovitis, **69B**, *254
replacement, *see* Hip arthroplasty
rotation, in children with idiopathic intoeing gait, **69B**, *75
rotationplasty, for malignant tumours of proximal part of femur, **68A**, *362
septic, psoas abscess mimicking, **67A**, *1281
slipped epiphysis, *see* Femur, epiphysis, capital, slipping
spica, in treatment of femoral shaft fractures, **69B**, *743
stiff, in myelomeningocele, excision of proximal end of femur for, **67B**, 147; **68B**, *75
Stracathro approach to, **66B**, *30
subluxation
- *see also* Hip dislocation
- congenital, **67B**, *390
- - complications, **67B**, *396
- - prognostic factors, **67B**, *394
- - rotation osteotomy, **67B**, 393
- in cerebral palsy, **66B**, 451
- treatment, tectoplasty, **68B**, *55
- Trendelenburg test, **69B**, 491
surgery
- complications
- - -thromboembolic disease, prophylaxis, **68A**, *146(*current concepts review*), 1304(*correspondence*), 1465(*correspondence*)
- epidemiology of pressure sores in elderly patients, **67B**, *10
- salvage, in cerebral palsy, **69B**, 506
- wound haematoma after, ultrasound study, **68B**, 497
synovial chondromatosis, juvenile, **65A**, *552
synovitis
- sonography and joint pressure in, **69B**, *254
- transient, **66B**, 612
- - incidence, epidemiology and relation to Perthes' disease, **69B**, *238
traction, diagnostic value during radiography, **65B**, *428
tuberculosis, *see under* Hip infections
Hip Guidance Orthosis, **69B**, *173(*annotation*)
Hip screw, AO dynamic, **65B**, 218
Hip-pointer injury, in adolescent athletes, radiographic abnormalities of iliac apophysis, **65A**, *444, 1207 (*correspondence*)

Histiocytoma
benign fibrous, of bone, **68A**, *1225
malignant fibrous, **67A**, *482
– in bone infarcts, **65A**, *1166
– in femur, treatment, adjuvant chemotherapy, **67A**, *620
– in tibia, treatment, adjuvant chemotherapy, **67A**, *620
– of long bones, **67B**, *111
following total hip replacement, **66B**, *629
of bone, at site of total hip arthroplasty, **66B**, *38
Histochemical studies
changes in vastus lateralis in recurrent dislocation of patellae, **69B**, 496
evidence of primary muscle pathology in recurrent patellar dislocation, **69B**, *790
localisation of calcium in fracture callus with potassium pyroantimonate, **68A**, *703
steroid-induced accumulation of lipid in osteocytes of rabbit femoral head, **67A**, *755
HIV positive patients, *see under* AIDS
Histocompatibilty matching, on canine frozen bone allografts, **65A**, *89
Histological diagnosis, by percutaneous needle biopsy of spine, **67B**, 508
Hodgkin's disease, presenting as wrist lesion, **69A**, *1246
Hoffmann external-fixation frame, stability of ten configurations, **69A**, *734
Hohmann metatarsal osteotomy, compared with Wilson procedure, **69B**, 678
Homozygous MM, in ankylosing spondylitis, **67B**, *122
Hong Kong, university, appointment of J.C.Y. Leong to Chair of Orthopaedic Surgery, **65B**, 522
Host defence mechanisms, in haematogenous osteomyelitis of childhood, **65B**, 520
Hot tub, atypical mycobacterial infection of soft tissue associated with use of, **68A**, *766
Howse total hip arthroplasty, long-term results, **69B**, *545
Hughes fixator, in treatment of tibial fractures, **67B**, 845
Humerus
endoprosthetic replacement, **69B**, *652
epiphyses, distal, fracture-separation, **67B**, 333
fibular replacement of, **65B**, 101
fracture-dislocations, of upper end of, treatment, conservative, **67B**, *373
fractures
– bilateral four-part, with posterior dislocation of shoulder, **65B**, *176
– concomitant with forearm fracture, **66A**, *552
– intercondylar
– – displaced Y-shaped, **68B**, 677
– – operative approach, **67A**, *226
– of distal end of
– – diagnosis in infants, arthrography, **68A**, *599
– – in childhood, deformity following, **66A**, *557
– – supracondylar, transcondylar and intercondylar, **67B**, 503
– of lateral condyle, in children, **67A**, *851; **67B**, 676
– of medial condyle, **69A**, *1442
– of neck of, four-part, **66B**, *104
– of proximal end of, **67B**, 679; **68B**, 332
– – axillary artery thrombosis complicating, **69A**, *778
– – displaced
– – – external fixation, **69B**, *643
– – – operative v. non-operative management, **67B**, 327
– – four-part, **66B**, 149
– – in children, **69B**, 154
– – three-part, **68A**, *1410
– – treatment
– – – conservative, **67B**, *373
– – – Neer hemiarthroplasty, **66B**, 149, 296
– of proximal epiphysis, influence on humeral growth, **68B**, *570
– of shaft of
– – delayed union, treated by closed flexible intramedullary nailing, **67B**, *715
– – internal fixation, **67A**, *857, 1448(*correspondence*)
– – intramedullary fixation, **66A**, *639
– – results of plating in patients with multiple fractures, **67B**, *293
– – treatment, open reduction and internal fixation, **68A**, *430
– screw fixation, radial-nerve laceration as late complication, **66A**, *959
– supracondylar
– – assessment of cubitus varus by Baumann angle, **68B**, *755
– – Baumann's angle in radiological assessment, **66B**, 458
– – cubitus varus complicating, **66B**, *566
– – in children, **65B**, 674
– – – conservative treatment, **68A**, *333, 1304(*correspondence*)
– – – open reduction and internal fixation, **68B**, 850
– – – overhead skeletal traction for, **65B**, 675
– – – relation to hyperextendible elbow, **65B**, 674
– – – straight lateral traction for, **68B**, *577
– – – – results, **68B**, 155
– – management, olecranon overhead traction, **68B**, 676
– – treatment, overhead traction, **69B**, 152
– transcutaneous reduction, **69B**, *643
– treatment
– – AO plating techniques, **68A**, *430
– – conservative, **68A**, *333, 1304(*correspondence*)
Humerus
fractures
– treatment (*continued*):
– – Ender's nailing, **69A**, *558
– – intramedullary stabilisation, in patients with multiple trauma, **68A**, *960
– unstable, of greater tuberosity of humerus, **65B**, 225
lengthening with Wagner apparatus, free vascularised fibular graft, **65A**, *111
medial condyle, injury, review after 18 years, **67B**, *638
medial epicondyle, untreated intra-articular entrapment, **66B**, *562
prosthetic replacement
– modular cementless ceramic and titanium prosthesis, **69B**, 165
– with replacement of distal humerus and elbow joint, **69B**, 154
proximal
– endoprosthetic replacement, **69B**, *656
– epiphyseolysis in adolescent baseball pitchers, **67A**, *495
– fractures, *see* Femur, fractures of proximal end of
– massive prosthetic replacement, **67B**, 496
– resection, intercalary allograft and custom Neer prosthesis after, **69B**, 503
pseudarthrosis, with neurofibromatosis, **69B**, *121
rotation osteotomy
– for birth injuries of brachial plexus, **66B**, *257
– for recurrent shoulder dislocation, **66B**, 448
– – associated with large Hills-Sachs lesion, **66A**, *1443
shortening
– after fracture of proximal epiphysis, **68B**, *570
– due to periosteal chondroma, **67B**, *290
supracondylar osteotomy, for correction of cubitus varus, **66B**, *566
trochlea of, hypoplasia, causing ulnar-nerve palsy, **67A**, *151
Hyaline-cartilage, chondrocytes, calcium flux and endogenous calcium content in, **67A**, *113
Hydatid bone disease, **68B**, 508
combined chemotherapy and surgery in, **69B**, *141
Hydrocephalus, idiopathic communicating, lumbar theco-peritoneal shunt for, associated syndrome, **67B**, *198
Hydroxy vitamin D, *see under* Vitamin D; *see also* Dihydroxycholecalciferol
Hydroxyapatite
deposition in articular cartilage by intra-articular injections of methyl prednisolone, **68A**, *509
porous, as bone-graft substitute in metaphyseal defects, **68A**, *904
Hydroxyzine, in treatment of pain, **67A**, *340(*current concepts review*)
Hyperalimentation, for superior mesenteric-artery (cast) syndrome, following correction of spinal deformity, **66A**, *1175
Hyperbaric oxygen *see* Oxygen, hyperbaric
Hypercorticism, transient, after epidural steroid injection, **66A** , *1115
Hyperlordosis, *see under* Lordosis
Hyperostosis
infantile cortical, pathology, **67A**, *1417
skeletal, diffuse idiopathic, and ossification of posterior longitudinal ligament, **69B**, *569
sternocostoclavicular, **68A**, *103
Hyperparathyroidism
bone marrow changes and, **65B**, 93
femoral neck fractures in, **69B**, 490
initial presentation as tendinitis of patellar ligament and quadriceps, **68A**, *288
Hyperphosphatasia, idiopathic, with dermal pigmentation, **68B**, *305
Hyperpressure syndrome, in osteochondritis dissecans of patella, **66B**, 146
Hyperthermia, normothermic malignant, **65A**, *413
Hypocalcaemia
in elderly patients with femoral neck fractures, **69B**, *765
neonatal, extravasation of injected calcium solution, causing calcifications in upper limb of neonate, **65A**, *558
Hypochondrogenesis, pathogenic mechanisms in, **66A**, *833
Hypochondroplasia, limb lengthening in, **68B**, *550
Hypophosphataemia, phosphorus nuclear magnetic resonance and, **65B**, 91
Hypophosphataemic osteomalacia
secondary to neoplasia, **68A**, *129
– adult-onset, **68A**, *134
Hypophosphatasia, femoral fractures and pseudofractures in, management, **68A**, *981
Hypotension
haemorrhagic, compartment syndromes associated with, hyperbaric oxygen reducing oedema and skeletal muscle necrosis, **68A**, *1218
induced, to control bleeding in posterior fusion for scoliosis, **65B**, *255
Hypothermia, local, protective role in tourniquet-induced ischaemia of muscle, **67B**, *297
Hypothyroidism, juvenile, primary, slipped upper femoral epiphysis and, **67B**, *14

I

ICLH ankle prosthesis, **66B**, 773
ICLH double-cup hip arthroplasty, **68B**, 160

ICLH surface hip replacement, **65B**, *405
Iliac apophysis, radiographic abnormalities, in adolescent athletes, **65A**, *444, 1207(*correspondence*)
Iliac artery, external
aneurysm of, after total hip arthroplasty, **65B**, *359
perforation, after hip replacement, **69A**, *620, 1304(*correspondence*)
Iliac crest
bone graft from
– in reconstruction of proximal femoral defects, **66B**, *32
– in reconstruction of severely depressed fracture of tibial plateau, **67A**, *1270; **68A**, 475(*correspondence*)
– in reconstruction of thumb, **67A**, *439
– to extremities, **69A**, *1319
microvascular osteocutaneous transfer using, **65B**, 96
posterior, skin incision for operations on, **66B**, 146
sparing in posterior lumbar spinal fusion, **66B**, 786
Iliofemoral artery, thrombosis, complicating revision of total hip replacement, **68A**, *454
Iliofemoral fusion, for proximal femoral focal deficiency, **69A**, *837
Iliofemoral thrombosis
detection, plethysmography for, **69B**, *264
following Harrington instrumentation of spine, **67A**, *1273
Ilioinguinal neuralgia, following iliac bone-grafting, **66A**, *1306
Iliolumbar ligament, anatomy, development and clinical significance, **68B**, *197
Iliopsoas transfer
for hip paralysis, in poliomyelitis, **68B**, *528
in children with myelomeningocele, **66A**, *224
in low-lumbar myelomeningocele, **67B**, 333
walking ability after, **66B**, *656
Iliotibial tract
in anterior cruciate ligament reconstruction, **68A**, *160, 952(*correspondence*), 953(*erratum*)
transfer, **67A**, *532; **68A**, 791(*correspondence*)
– in anterior cruciate-deficient knee, **68B**, 675
– in reconstruction of anterior cruciate ligament, **69A**, *1150
Ilium
bone grafting, ilioinguinal neuralgia following, **66A**, *1306
herniae through donor sites for bone grafts, **65A**, 1023(*brief note*)
Ilizarov distractor, for correction of relapsed or neglected club foot, **69B**, *593
Immune complexes, localised, and slipped upper femoral epiphysis, **65B**, *574
Immune response, to osteochondral allografts, experimental study, **69A**, *573
Immunoscintigraphy, localisation of osteosarcoma by, **65B**, *638
Immunosuppression
Cyclosporin A for, in study of comparative growth in autografts and allografts, **69B**, 495
improved acceptance of frozen bone allografts by, **66A**, *937
Impedance plethysmography, in detection of deep-vein thrombosis, **69B**, *264
Implants
see also Acrylics; Carbon fibre; Ceramics; Osteosynthesis; Plastics; Polyester fibre; Prostheses
biodegradable, in fixation of malleolar fractures, **69B**, *615
causing dermatitis, **69A**, *1408
hip, fractures of distal end of femur below, in elderly patients, **65A**, *491
influence on incidence of infection, **67A**, *1236
metallic
– *see Metallic implants*
– associated with malignant tumours, **69B**, *470
multiply revised, restoration of bone stock, **69B**, 508
porous coated, biological fixation, **69A**, *1459(*current concepts review*)
Inclinometer, in scoliosis screening, **66A**, *1381
Incus, demineralised grafts in rat middle ear, **65B**, 89
India
orthopaedics in, **67B**, *840
Perthes' disease in, **69B**, 499
Indian Orthopaedic Association, election of Sir Harry Platt as Honorary Patron, **67B**, 337
Indiana conservative hip arthroplasty, **66A**, *518
Indium scanning
see also Radioisotope scanning
in detection of deep infection after joint replacement, **67B**, 320
in detection of sepsis in painful prosthetic joints, **68B**, *647
in investigation of painful prosthetic joint, **67B**, 320
leucocyte scanning, in detecting deep infection after joint replacement, **67B**, 320
granulocyte scanning, **in painful prosthetic joint**, **67B**, 320
Infection(s)
see also Asepsis; Osteomyelitis; *see also specific* conditions and causative organisms, and under parts of body involved
abscess formation, effect of surgical glove powder, **65B**, 664
after elbow replacement, **65A**, *330
bone and joint, in drug abusers, **65A**, *829
clothing system for operating room, bacteriologically occlusive, **65B**, *502
Infection(s) (*continued*):
diagnosis, preoperative scintigraphy with indium-labeled white blood cells, **69A**, *1353
in Charcot joint, **67A**, *642
incidence, influence of skeletal implants, **67A**, *1236
meningococcal septicaemia, epiphysial growth disturbances following, **65A**, *1181
musculoskeletal, cephalosporin antibiotics in prevention and treatment, **65A**, *1201(*current concepts review*)
orthopaedic, treatment, use of Hickman catheter, **67A**, *650
osteoarticular, non-tuberculous mycobacterial, clinicopathological spectrum, **67A**, *925
postoperative
– after hip replacement, *see under* Hip arthroplasty, total replacement, complications
– after implant arthroplasty, candida, **68A**, *143
– muscle pedicle flap in treatment of, **66B**, 146
prevention by sterile micro-environment, **67B**, 153
prophylactic cefamandole, **66A**, *1219; **69A**, *1189
prosthesis-related, bacterial adherence to biomaterials and tissue, **67A**, *264
soft tissue, atypical mycobacterial, associated with use of hot tub, **68A**, *766
Infection(s)
see also Osteomyelitis; Sepsis
postoperative, after joint replacements, acute-phase response of plasma proteins as aid to diagnosis, **69B**, 157
Infraspinatus muscle, paralysis, in volleyball players, **69A**, *260
Ingrowing toenails, *see* Toenails, ingrowing
Injuries
see also Accidents; Burns; Fractures; Traumata; Wounds; *and under structures involved*
athletic
– acute patellar dislocation in softball players, **68A**, *780
– compartment syndrome, surgical treatment of, **65A**, *1245
– congenital cervical stenosis presenting as transient quadriplegia, **68A**, *1371
– iliac apophysis, radiographic abnormalities in adolescents, **65A**, *444, 1207(*correspondence*)
– osteolysis of distal part of clavicle, **65A**, 421 (*correspondence*)
– reconstruction of ulnar collateral ligament, **68A**, *1158; **69A**, 953(*correspondence*)
– rotator cuff tears, surgical treatment, **68A**, *887
– rugby football, **66B**, 781
– – of cervical spine in schoolboys, **66B**, *470 (*editorial*), *500
– shoulder pain in swimmers, **66B**, 304
– suprascapular neuropathy in volleyball players, **69A**, *260
bony lacerations due to assault, **66B**, *89
burst, *see* Fractures, burst
crush, of lower limbs, **68A**, *414
gunshot
– intraspinal migration of a bullet with subsequent meningitis, **65A**, 567(*correspondence*)
– musculoskeletal, **66B**, 295
– of abdomen, infection about spine associated with, **67A**, *1195
– progressive destruction of joint due to retained bullet, **66A**, *292
metabolic response to, mechanisms and clinical implications, **68A**, *782(*current concepts review*)
multiple
– fracture management in, **68A**, *945(*current concepts review*)
– in children, **65A**, *1290
– intramedullary stabilisation of humeral shaft fractures, **68A**, *960
– pelvic fractures in, **68B**, 849
– results of plating humeral shaft fractures, **67B**, *293
– surgical nutrition in patient with, **65A**, *123
parachute, prospective study in civilians, **69B**, *17
seat belt, *see under* Accidents, traffic
soft tissue, extensive, with skeletal injury, management, **66B**, 460
strain, rapid repetitive, **69B**, 166
Innominate bone
see also Pelvis
osteotomy
– anterior and posterior displacement of hip after, **69B**, *361
– for acetabular dysplasia, **69B**, 850
– in Perthes' disease, **65B**, 102; **66A**, 964(*current concepts review*); **67B**, 332, *339
Insall procedure, for anterior cruciate-deficient knee, **69B**, 162
Instant-centre analysis of knee, **65B**, *391
Institute of Orthopaedics (University of London), appointment of G. Bentley to Chair of Orthopaedics, **66B**, 615
Intermuscular sarcoma, treatment, primary myectomy, **68A**, *586
Interosseous nerve, posterior, *see* Posterior interosseous nerve
Interphalangeal joints
see also under Fingers; Thumb
locking of thumb at, by sesamoid bone, **66A**, *1300
proximal, arthroplasty, **66B**, 297

* Indicates full article or appreciable part

Intertrochanteric osteotomy, incomplete, effect on Legg–Calvé–Perthes disease, **67A**, *213
Intervertebral disc(s)
see also Discography
as shock absorbers?, **66B**, 291
assessment of integrity of, comparison of lumbar discography with CT scanning, **69B**, 164
biopsy, **66B**, 456
cervical
– acute prolapsed, epidemiological study, **66A**, *907
– lesions, *see* Cervical spondylosis
cervical disc syndrome, discographic assessment, **68B**, 335
changes after chemonucleolysis, demonstrated by magnetic resonance imaging, **68B**, *719
degeneration
– diagnosis, magnetic resonance imaging and discography, **68B**, *369
– stages revealed by discograms, **68B**, *36
disc-space infection, role of antibiotics, **69B**, *784
discectomy, *see* Discectomy
discitis, *see* Discitis
disease, CT scanning and myelography in, **69B**, 509
effect of chymopapain in short term, **69B**, *422
effect of fatigue on, **65B**, *199
Ender's nailing, *see* Ender's nailing
herniated, chemonucleolysis for, **67B**, 504
infection after intradiscal injections, **69B**, *26
intradiscal injection of chymopapain, **65A**, *1350(*current concepts review*); 66A, **808**(*correspondence*)
– anaphylactic reactions following, **65A**, *1215; **66A**, 806(*correspondence*)
– and chemonucleolysis, **65A**, *1220
lesions
– adolescent disc herniation, magnetic resonance imaging of, **69B**, *699
– cauda equina syndrome secondary to, **68A**, *386
– CT scanning
– – differentiation between recurrent herniation and postoperative root scar, **69B**, 510
– – in evaluation, **69A**, *218
– – showing effects of chemonucleolysis, **66B**, *417
– due to athetoid hyperactivity, **69A**, *815
– extraforaminal herniation simulating retroperitoneal neoplasm, **67A**, *1275
– fifty-year follow-up on first recognised case, **67A**, *1113
– herniation, cauda equina syndrome and, **66B**, 298
– lower-limb sensibility testing, **67A**, *1219
– prolapse, **66B**, 611
– – recurrent, after discectomy, **65B**, 520
– – Scheuermann's disease and, **65B**, 669
– – transthoracic excision technique, **66B**, *518
– – treatment, chymopapain injections, **65B**, 668
– treatment
– – chemonucleolysis
– – – compared with open discectomy, **68A**, *43
– – – in adolescents, **67A**, *1402
– – chymopapain, **68B**, *386
– – microfenestration, **67B**, 151
– – open discectomy, compared with chemonucleolysis, **68A**, *43
lumbar
– dissolving, **67B**, 673
– herniation in elderly, **68B**, 853
– prolapse in older patients, **67B**, 677
– protrusion, **69B**, *696
lumbosacral, anterior rupture, **65A**, *1186
microdiscectomy for failed chemonucleolysis, **67B**, 335
nucleus pulposus regeneration, **65A**, *1220
penetration of antibiotics into, **69B**, *784
prolapse
– role of computerised tomography, **68B**, *729
– differential diagnosis from cauda equina tumour, **67B**, *358
proteoglycans of
– effects of spinal fusion on, experimental study, **68B**, 334
– in infants, **67A**, *284
– synthesis rates, **67B**, 843
protrusion
– central and lateral, **69A**, *517
– diagnosis and evaluation, straight-leg-raising test, **69A**, *517
ruptured, fifty-year follow-up on first recognised case, **68A**, 151(*correspondence*)
scoliotic, proteoglycans of, **65A**, *815
space narrowing, lumbar facet joints and, **66B**, *706
spondylosis, *see* Spondylosis
Intestines, enteric fistula complicating pelvic fracture, **65A**, *854
Intra-articular drug abuse, **66A**, *1469
Intra-articular pressure
determinants of, **65B**, 671
influence of joint posture in transient synovitis and Perthes' disease, **69B**, *71
Intracompartmental pressure monitoring, in management of leg injuries, **67B**, *53
Intramedullary adjustable total knee prosthesis, **65A**, *293
Intramedullary cancellous bone block, improving femoral stem fixation in Charnley hip arthroplasty, **66B**, *639
Intramedullary haemorrhage, and avascular necrosis of femoral head, **69B**, *346
Intramedullary nailing
see also Bone pins; Intramedullary rodding
accuracy of nail length and positioning, **67B**, 494
closed
– flexible, in treatment of delayed union of femoral shaft fractures, **67B**, *715
– for acute fractures of humerus, **69A**, *558
– locked, **67A**, *709
– – fatigue fracture of nail, **69A**, *1391
– – for comminuted fractures of femur, **67A**, *709
– – radiation exposure during, **69A**, *761
– of femoral fractures, **66A**, *529
complications, **66A**, *535
compression nail for difficult femoral fractures, **67B**, 494
Ender's nailing, *see* Ender's nailing
fluted, in femoral shaft fractures, **66B**, 615
for knee arthrodesis, Charnley compression and, **65B**, 224
in treatment of comminuted femoral-shaft fractures, **66A**, *1222
in treatment of pertrochanteric fractures of femur, **67B**, 504
mechanical failure of, in femoral fracture, **65B**, *274
of femur, **69B**, *67
– Brooker–Wills distal locking intramedullary nailing, **68A**, *865
– closed technique, **66B**, 459; **69B**, 500
– – indications, results and complications, **68B**, 505
– – interlocking, **69B**, 489
– – nitrogen injection from power reamer complicating, **65A**, *860
– – versus open, **68B**, 849
– Derby intramedullary nail, **69B**, *67
– dynamic locking nail, **68B**, 507
– Ender's nailing, *see* Ender's nailing
– interlocking, **67A**, *1313; **68B**, 667
– – insertion of distal screws, **68A**, *1275
– open and closed, using fluted rod, **67A**, *699
– open Küntscher nailing, results, **68B**, 506
– technical errors, fractures of femoral neck associated with, **68A**, *624
of humerus
– in patients with multiple trauma, **68A**, *960
– shaft fractures, **66A**, *639
of tibia
– AO and Grosse–Kempf locking nails, **67B**, 325
– for non-union of diaphyseal fracture, **69A**, *375
– locking, **69B**, 489
– Lottes-nail fixation, **65A**, *879
– with reaming of medullary canal, **68A**, *877
prograde
– closed, for femoral shaft fracture, **67B**, 504
– insertion of flexible intramedullary pins, for femoral shaft fractures, **67B**, 504
signal arm (K-Y) nail, **67B**, 147
Zickel nailing, *see* Zickel nailing
Intra-osseous venography, in assessment of fracture healing and non-union, **65B**, 658
Intramedullary pressure, effect on cardiopulmonary function, during arthroplasty with cemented or non-cemented components, **69A**, *822
Intramedullary rodding
see also Intramedullary nailing
Bailey-Dubow extensible rods, in osteogenesis imperfecta, **66B**, *227
closed, for osteogenesis imperfecta, **66B**, *652
of humerus, in patients with multiple trauma, **68A**, *960
percutaneous rod interchange in osteogenesis imperfecta, **69B**, *429
Intravenous injections, effects of guanethidine and reserpine, **65A**, *808
Ischaemia
see also Compartment syndromes; Vascular disease
in limbs, new approach to assessment, **67B**, 680
induced by tourniquets, *see under* Tourniquets
osteocyte death due to, electron microscopic study, **68B**, *620
painful, lumbar sympathectomy for, **67B**, 174(*annotation*)
tolerance of skeletal muscle to, tourniquet application compared with acute compartment syndrome, **68A**, *820
transcutaneous oxygen pressure in measurement of, **65B**, 79
treatment, lower-limb amputation, prophylactic antibiotics, **67A**, *800; **68A**, 950(*correspondence*)
ISIS (Integrated Shape Imaging System)
in measurement and appraisal of scoliosis, **69B**, 851
predictive value in scoliosis, **69B**, 852
Ischial tuberosity, avulsion fracture, causing sciatica, **69A**, *143
Isoelastic cup, in total hip arthroplasty, **66B**, 447
Isokinetics, muscle imbalance and knee-joint injuries, **66A**, *734
Isolator wound, in prevention of infection, **67B**, 153
Isometric training, in elbow flexor muscles, **65B**, *355

J

Jaccoud's arthritis, involving feet, **66A**, *1124
Jackson–Gorham disease, surgical repair, **66B**, 148
Janes, Joseph Mowat, **67A**, 663(*obituary*)
Jansen, Knud, **65B**, 88(*obituary*)
Jehovah's Witnesses, total hip arthroplasty without blood transfusion, **68A**, *350
Jewett nail-plate, **65B**, 218
compared with Dynamic Hip Screw, **68B**, 157, *557
compared with Richards screw-plate, **65B**, *262
in trochanteric fractures of femur, **68B**, *557
Joint(s)
see also Cartilage, articular; Ligaments; *see also* specific joints and terms beginning with *Arthr-*
artificial, *see under* Arthroplasty
biological resurfacing, free autogenous periosteal grafts, under influence of continuous passive motion, **68A**, *1017
contractures, due to pentazocine, **65A**, *1007
degenerative disease, conventional total hip arthroplasty for, **66A**, *745
developing, distribution of collagen and keratan sulphate in, **69B**, 497
disease, *see* Arthritis; Arthropathy
dislocations, *see under structures involved*
dry, in divers, explanation of, **65B**, 656
immobilisation, postoperative, effects on articular cartilage degeneration following meniscectomy, **65B**, 671
in paediatric patients, **66B**, 303
infection
– *see also* Infections, postoperative; Tuberculosis
– in renal unit, **68B**, *489
– pitfalls in diagnosis and management, **68B**, *489
intra-articular and juxta-articular gas, **67A**, *1117
intra-articular pressure, determinants of, **65B**, 67
irrigation fluid, hepatitis B antigen in, **69B**, *662
laxity
– ankle, contribution of anterior talofibular ligament to, **65A**, *81
– spondylo-epi-metaphysial dysplasia with, **66B**, 454
lead arthropathy, progressive destruction by retained bullet, **66A**, *292
lesions, degenerative, neurogenic acceleration, **67A**, *562
mobility, assessment of, **65B**, 656
posture, influence on intra-articular pressure in transient synovitis and Perthes' disease, **69B**, *71
replacement
– *see also under* Arthroplasty; Prostheses; *and under specific joints*
– cost of, **68B**, 160
– infection after, acute-phase response of plasma proteins as aid to diagnosis, **69B**, 157
– total, sepsis and, **65A**, *128(*current concepts review*)
surface, synovium as replacement, **66B**, 609
transplantation
– failure of, clinical and histological analysis, **69B**, 502
– multiply revised, restoration of bone stock, **69B**, 508
tuberculosis, *see under* Tuberculosis
tumours
– *see also under* Tumours *and under specific structures*
– sarcoma at site of joint replacement, **66B**, *625 (*editorial*)
Jones–Ellison operation, for anterior cruciate ligament reconstruction, **67A**, *1029
Journal of Bone and Joint Surgery
American volume
– conflict of interest policy, **66A**, 831; **67A**, 671
– editorship
– – appointment of Henry R. Cowell, **67A**, 831
– – retirement of Paul H. Curtiss, Jr., **67A**, 831
– peer-review process, **68A**, 959(*editorial*)
– the mission of the Journal and electronic publication, **67A**, 1311(*editorial*)
British Volume
– conflict of interest, **69B**, 517(*editorial*)
– editorship, appointment of A.G. Apley, **65B**, 233
limitation on numbers of authors per manuscript, **69A**, 1311(*editorial*)
Jugular vein, effect of total hip replacement on (in dogs), **65A**, *97
Jumper's knee, as initial presentation of hyperparathyroidism, **68A**, *288

K

Kawasaki syndrome, presenting as pyarthrosis of hip, **68A**, *467
Kelikian, Hampar, **66A**, 632(*obituary*)
Keller's arthroplasty
compared with metatarsal osteotomy, **65B**, 772
failed, arthrodesis of first metatarsophalangeal joint as salvage, **69A**, *68
modification, **68B**, 845
– by Kirschner-wire distraction, **66B**, *765
Keller's osteotomy, for hallux valgus, **69B**, 493
Kendrik, James I., **68A**, 1467(*obituary*)
Keratan sulphate, distribution in developing joint, **69B**, 497
Kessel, Lipmann, **69B**, 146(*obituary*)
Kidner operation, for symptomatic accessory navicular, **66B**, *218
Kidney
see also Renal
transplantation
– early avascular necrosis of femoral head following, **68B**, *414
– effect of cyclosporin A on prevalence of femoral necrosis, **69A**, *1226
Kienböck's disease, *see* Lunatomalacia
Kirschner wires
distraction in Keller's arthroplasty, **66B**, 765
percutaneous fixation
– for Colles' fractures, **66A**, *1008
– of hand fractures, **66B**, 163
Klippel–Feil syndrome
associated with spinal stenosis, **67A**, *161
computerised tomography in diagnosis, **66A**, *708
quadriplegia after minor trauma in, **66A**, *1473
Knee
see also Patella; Patellar ligament; Patellar tendon; Patellofemoral joint; Tibial tubercle; Tibiofibular joint, proximal
anatomy, studied by NMR imaging, **68B**, *117
anterior cruciate-deficient
– symptomatic, **65A**, 154
– – results of rehabilitation, **65A**, *163
anterior stiffness and laxity after major ligament reconstruction, **66A**, *1460
anteromedial rotatory instability, acute, **65A**, *145
arthritis
– *see also* Knee, osteoarthritis
– chronic, in Lyme disease, **68A**, *1057
– degenerative, stress radiography, **67B**, 488; **68B**, *608
– septic, in haemophilia, **65A**, *267
– unicompartmental degenerative, treatment, proximal tibial osteotomy, **69A**, *32
arthrodesis
– difficult, technique for, **66B**, *367
– for failed total knee replacement, **66B**, *362; **67B**, *47
– in unfavourable circumstances, **67B**, 145
– intramedullary nailing and Charnley compression, **65B**, 224
– pulsing electromagnetic fields in, following failed total knee arthroplasty, **65A**, *480
arthropathy, mobility assessment, **69B**, 167
arthroplasty
– abrasion, arthroscopic debridement, **68B**, 504
– antibiotic prophylaxis with cefuroxime, **69B**, *787
– compartmental replacement
– – complications
– – – loosening of porous coating in patients with rheumatoid arthritis, **68A**, *538; **69A**, 153(*correspondence*)
– – finned metal tibial-plateau implant, **67A**, *1175
– – McKeever metallic prosthesis, in osteoarthritis, **67A**, *203, *208
– – medial, **66B**, *682
– – Oxford prosthesis, **67B**, 848
– – – radiographic study of bearing movement, **69B**, *598
– – revision, **69A**, *1328
– – St Georg prosthesis, **68B**, *787
– – survival of arthroplasty, **68B**, *795
– failed
– – arthrodesis for, **67B**, *47
– – – biplane external fixator, **69A**, *39
– flexion and extension regimes after, **67B**, 488
– impact force in implanted knee, **69B**, *807
– incisions for, **68B**, *812
– meniscal bearings, movement of, **69B**, *598
– posterior stabilised condylar prosthesis, **68A**, *1035
– – influence of tibial-patellofemoral location on knee function, **68A**, *1035
– probability of revision, **68B**, *795
– survival of, **68B**, *795
– total replacement
– – Anatomic Total Knee, **65B**, 98
– – anthropometric basis for design, **69B**, 505
– – antibiotic absorption, effect of tourniquet, **68B**, 160
– – Attenborough prosthesis, **65B**, 226; **66B**, 147
– – – complications, **68B**, *100
– – benefit analysis of, **65B**, 102
– – bilateral
– – – complications, **69A**, *484
– – – mortality, **69A**, *484
– – – successive, **67A**, *573
– – – with bilateral hip replacement in rheumatoid arthritis, **67B**, *261
– – biplane radiographic measurements of reversible displacement, **65A**, *1134
– – bone density changed after, **69B**, *407
– – cementless modular ceramic knee with screw fixation, **68B**, 336
– – comparison of cemented Kinematic II and cementless PCA prostheses, **69B**, 505

Knee
arthroplasty
– total replacement (*continued*):
– – comparison of results, **67B**, *775
– – complications
– – – arterial, **69B**, *400
– – – deep-vein thrombosis following, **66A**, *194
– – – indications for treatment, **66A**, *202, 1144(*correspondence*)
– – – fractures around prosthesis, **69B**, 849
– – – immediate postoperative, significance for failure of Geomedic prosthesis, **67B**, 489
– – – infection, **68B**, 333; **69B**, 505
– – – deep sepsis, **68A**, *226
– – – management, **67B**, *764
– – – outcome, **68B**, 160, *289
– – – salvage
– – – – by reimplantation, **65A**, *1081, *1087
– – – – by resection arthroplasty, **69A**, *1013
– – – – with medial and lateral gastro-cnemius muscle flaps, **65A**, *681
– – – treatment, **67B**, 145
– – – loosening, **65A**, *1134; **69B**, *407
– – – stemmed revision arthroplasty for, **67B**, *242
– – – patellar dislocation, **67A**, *1321
– – – supracondylar fracture of femur, **68A**, *29
– – – treatment
– – – revision operation, **69B**, 680
– – – – effect on flexion deformity, **69B**, *395
– – – – in presence of extensive bone loss, **69B**, 850
– – composite structure fixation, **66B**, 300
– – condylar
– – – after failed proximal tibial osteotomy, **69A**, *28
– – – compared with Oxford prosthesis, **67B**, 331
– – Denham prosthesis, **67B**, 489; **68B**, *600
– – Duo-Patella prosthesis, preliminary experience, **67B**, 145
– – effect of tibiofemoral alignment on results, **67B**, *551
– – effect on flexion deformity, **69B**, *395
– – epithelioid sarcoma in association with, **68B**, *824
– – evaluation of kinematic stabiliser, **69B**, 505
– – factors influencing range of motion, **67A**, *1006
– – failed
– – – arthrodesis following
– – – pulsing electromagnetic fields for, **65A**, *480
– – – using Ace–Fischer apparatus, **69A**, *39
– – – Guepar hinge prosthesis for salvage, **65B**, 226
– – – knee arthrodesis after, **66B**, *362
– – fracture of metallic tibial tray following, **66A**, *780
– – gait analysis after, **69A**, *1340
– – Geomedic prosthesis
– – – long-term results, **67B**, *548
– – – postoperative complications in rheumatoid arthritis, **67B**, 489
– – in gonarthrosis, condylar-I prosthesis, **65A**, *619; **66A**, 472(*correspondence*)
– – in haemophilia, **67A**, *1361
– – in juvenile rheumatoid arthritis, **65A**, *1071
– – in monarticular degenerative arthritis, quantitative gait analysis, **65A**, *605
– – in Parkinson's disease, **67B**, *424
– – in reconstruction of knee, **68B**, 502
– – kinematic condylar, **66A**, *1032
– – kinematic rotating-hinge prosthesis, **69A**, *489
– – Liverpool Mark II prosthesis, long-term results, **68B**, *111
– – Noiles prosthesis, **68A**, *579
– – non-constrained prosthesis, **65A**, *906
– – objective biomechanical assessment, **68B**, 839
– – one-stage exchange, **67B**, 145
– – osteotomy of tibial tubercle in, **65A**, *704, 1207 (*correspondence*)
– – Oxford meniscal knee, **68B**, 336
– – – radiolucent line beneath tibial components of, **66B**, *523
– – Oxford prosthesis, compared with total condylar replacement, **67B**, 331
– – polycentric, **66A**, *1211
– – polyethylene components, design factors, **65B**, 367
– – porous coatings, biological fixation, **69A**, *1462
– – Pretoria-86 prosthesis, **69B**, 680
– – results after failed proximal tibial osteotomy for osteoarthritis, **69A**, *225
– – results with intramedullary adjustable total knee prosthesis, **65A**, *293
– – revision, **68B**, 842, 854
– – Sheehan prosthesis, **65B**, 367; **69B**, 680
– – – long-term results, **69B**, 488
– – six to eleven year follow-up, **66B**, 447
– – stabilised gliding prosthesis, **66B**, 147
– – Stanmore prosthesis, **65B**, 225
– – – clinical results, **66B**, *355
– – – long-term results, **66B**, *55, *349
– – – revision, **67B**, 469
– – – survival, **66B**, *355

Knee
arthroplasty
– **total replacement** (*continued*):
– – survival of arthroplasty, **68B**, *795
– – tibial components, performance, **65A**, 422 (*correspondence*)
– – total condylar knee, **68B**, 503
– – – modified as posterior stabilised condylar prosthesis, **65A**, 1030(*correspondence*)
– – ultra-high molecular weight components, stresses in, **68A**, *1041
– – uncemented prosthesis, **68B**, 854
– – universal system of instrumentation, **68B**, 503
arthroscopy
– advisability of, **65B**, 672
– diagnostic, in children, **66B**, *535; **67B**, 675
– in electrosurgery, **69B**, 849
– techniques of, **65B**, 672
– under local anaesthesia, **66B**, 304, 454
articular cartilage
– composition of normal and osteoarthritic, **66A**, *95
– fracture-separation, **67B**, *42, 158(*discussion*)
as physiological joint, **65A**, 143(*editorial*)
asymmetrical design, **69A**, *976
biomechanical analysis after anterior cruciate ligament rupture, **65B**, *391
chondral flaps, arthroscopic surgery for, **69B**, *794
cleavage lines around, **68B**, *812
compartmental involvement in osteoarthritis, **68B**, *608
congenital abnormalities, absence of anterior cruciate ligament, **67B**, *572
contracture, operation for congenital contractural arachnodactyly, **67B**, *44
cruciate ligaments, *see* Cruciate ligaments
deformities
– angular, proximal tibial osteotomy for, **66B**, 301
– Boutonnière-type, following patellectomy and manipulations, **66A**, *137
– static and dynamic loading patterns, **65A**, *247
– valgus, supracondylar varus osteotomy for, **68B**, 854
diagnostic arthroscopic surgery, **67B**, 507
disarticulation, metastasis of adamantinoma after, **68A**, *772
disease
– diagnosis, vibration arthrography, **69B**, *288
– vibration arthrography in diagnosis of, **67B**, 844
dislocation
– amputation secondary to, **66B**, 609
– congenital, **67B**, 847
– – irreducible, aetiology and management, **69B**, *403
– in children, functional assessment, **69A**, *1155
– low velocity, vascular injury associated with, **69B**, *285
– treatment, **68B**, 854
– vascular injury, **68B**, 333
dysplasia, **67B**, 332
– associated with thrombocytopenia and absent radius, **66A**, *421, 1494(*correspondence*)
– congenital absence of anterior cruciate ligament, **67B**, *572
evolutionary perspective, **69A**, *976
extension exercise, biomechanics of, **66A**, *725
extensors, effect of external load on torque production, **68A**, *65
fistula between prepatellar bursa and, complicating arthroscopy, **66A**, *624
fractures
– *see also under* Femur; Tibia
– management of non-unions, **65B**, 224
– stiffness after, in spina bifida, **67B**, *266
function
– after excision of vastus lateralis and vastus intermedius, **65A**, *856
– after posterior stabilised condylar arthroplasty, influence of tibial-patellofemoral location, **68A**, *1035
haemarthrosis
– acute traumatic, **69B**, 160
– traumatic, **66B**, 789
– – clinical assessment, **69B**, 160
hip-knee-ankle angle, **69A**, 332
hypermobility, in recurrent dislocation of patella, **69B**, *790
induced shear due to heel strike, **67B**, 319
injuries
– abduction-traction, **66B**, *201
– closed, popliteal artery damage, **67B**, *420
– in collegiate football players, evaluation of use of braces, **69A**, *2, 1467(*correspondence*)
– muscle imbalance and, **66A**, *734
instability
– *see also* Knee stability; *see also under* Cruciate ligaments
– anterior, instrumented measurement, **67A**, *720
– bovine xenografts in, **66B**, 282
– chronic, surgery for, rehabilitation after, **65B**, 671
– following posterior cruciate ligament rupture, treatment, **65A**, *310

Knee
instability (*continued*):
- in two planes, **66B**, 449
- late flexible carbon-fibre ligament reconstruction for, **65B**, 227
- ligamentous
- - flexible carbon fibre reconstruction, **66B**, *196
- - terminology, **66B**, 454
- measurement, **69B**, 160, *608
- - Stryker knee laxity recorder, **69B**, 160
- medial, complicating Pavlik harness treatment of congenital hip subluxation, **65A**, *678
- posterolateral, **67B**, 157
- - following anterior cruciate loss, **68B**, 338
- posterolateral rotatory, acute, **65A**, *614
- quantitative assessment, **67B**, 844
- rotatory, chronic posterolateral, **67A**, *351
- uniplanar, **66B**, 449
instant-centre biomechanical analysis of, **65B**, *391
intra-articular pathology, simulated by extra-articular bone lesions, **65A**, *289
kinematic stabiliser, evaluation, **69B**, 505
kinematics, effect of external load on torque production, **68A**, *65
lateral compartment, osteoarthritis, treatment, proximal tibial varus osteotomy, **69A**, *32
laxity, measurement in patients with absence of anterior cruciate ligament, **66A**, *242
ligaments
- carbon fibre replacement, **66B**, 157
- collateral
- - injuries, **66B**, 449
- - medial, tears of, non-operative treatment, **65A**, *323
- cruciate, *see* Cruciate ligaments
- deficient, effects of joint load on stiffness and laxity, **67A**, *136
- grafting, biomechanical analysis, **66A**, *344
- injuries, **66B**, 449
- - incidence in lower-limb fractures, **67B**, 151
- - operative versus non-operative treatment, **69A**, *1120
- laxity, measurement of, **69B**, 159
- medial, arthroscopic findings in acute isolated ruptures, **69B**, 162
- medial collateral
- - biomechanical and morphological changes, after immobilisation and remobilisation, **69A**, *1200
- - effects of joint load on stiffness and laxity, **67A**, *136
- - healing
- - - effects of repair, motion and secondary stabilising ligaments, **69A**, *1194
- - - experimental studies, **68B**, 675; **69A**, *1194
- - injuries, operative versus non-operative treatment, **69A**, *1120
- posterolateral, role in knee stability, **69A**, *233
- reconstruction
- - anterior-posterior stiffness and laxity after, **66A**, *1460
- - functional stability following, **67B**, 152
- tears
- - associated with fracture of tibial tuberosity, **66A**, *790
- - carbon-fibre reinforcement, **68B**, 504
locked, **67B**, 488
loose bodies in, **69B**, *693
mechanics
- anterior-posterior motion, measurement using biomechanical stress technique, **66A**, *1438
- impact-absorbing properties, **69B**, *807
- instant-centre biomechanical analysis, **65B**, 391
- loading patterns, in joints with deformities, **65A**, *247
- medial restraint to anterior-posterior motion, **66A**, *930
- prosthesis design, **66B**, 458
medial compartment, osteoarthritis, **69A**, *332
medial shelf, **66B**, 280
meniscal pneumatocele, **67A**, *1117
meniscectomy, *see* Meniscectomy
menisci, *see* Menisci
morphological characteristics, **69A**, *976
muscles, mechanical interactions between cruciate ligaments and, **67B**, 318
osteoarthritis
- *see also* Knee, arthritis
- meniscal pathology and, **65B**, *24
- stress fractures of tibia in, **69B**, *309
- treatment
- - combined tibial tubercle and high tibial osteotomies, **69B**, 504
- - proximal tibial varus osteotomy, **69A**, *32
- - tibial osteotomy, **65A**, *36; **65B**, 220, 517
- - - dome, **67B**, 145; **68B**, *782
- - - high
- - - - comparison of methods, **68B**, 504
- - - - retrospective comparison with unicompartmental replacement, **68B**, *447

Knee
osteoarthritis
- treatment (*continued*):
- - unicompartmental replacement
- - - McKeever metallic hemiarthroplasty, **67A**, *203, *208
- - - retrospective comparison with high tibial osteotomy, **68B**, *447
osteoarthrosis
- composition of articular cartilage in, **66A**, *95
- incidence of fabellae in, **66A**, *1379
- unicompartmental, treatment, proximal tibial osteotomy, failed, **69A**, *28
osteonecrosis, idiopathic, **65B**, *588
osteotomy
- *see also under* Femur; Tibia
- bicompartmental, **67B**, 331
- double, Benjamin procedure, **69B**, 849
- for collateral ligament instability, **67B**, 332
- technical accuracy, **68B**, 503
pain
- anterior, **66B**, 455
- - and muscular patellar gliding, **68B**, 841
- - in adolescents, natural history of, **67B**, *36
- - Maquet's tibial tubercle elevation for, **68B**, 337
- associated with medial patellar plica, **65B**, 670
- mechanical factors in adolescents and young adults, **66B**, *685
- treatment, patellar osteotomy, **67B**, 156
patella, *see* Patella
pigmented villonodular synovitis, **66A**, *90
pivot shift test, grading system, **69B**, *294
plica syndrome, **66B**, 305
position as factor modifying intracompartmental pressure in leg, **66A**, *1415; **67A**, 824(*correspondence*)
postoperative, immediate functional movement, **66B**, 453
prosthesis removal, arthrodesis following, **65B**, *29
quadriceps excursion, torque, and effect of patellectomy, **67A**, *726
radiography, trauma oblique, **69A**, *568
reconstruction
- tissue expansion in, **69A**, *1238, *1240
- with vascularised autograft followed by total knee arthroplasty, **68B**, 502
reflex sympathetic dystrophy, **68B**, 337; **69B**, *797, *804
replacement, *see under* Knee arthroplasty
rheumatoid arthritis
- juvenile, treatment, synovectomy, late results, **67A**, 824(*correspondence*)
- supracondylar osteotomy for valgus knee, **67B**, 158
- surgical management, **68B**, 336
- treatment
- - synovectomy, **68A**, *198
- - - using intra-articular injection of dysprosium-165-ferric hydroxide macroaggregates, **69A**, *970
stability
- *see also* Knee instability
- anterior cruciate ligaments and, **67B**, 844
- effects of artificial cruciate ligaments on, **69B**, 161
- functional, following ligament reconstruction, **67B**, 152
- posterior cruciate ligament and, **65B**, *204
- role of posterolateral and cruciate ligaments, **69A**, *233
stiffness, measurement in patients with absence of anterior cruciate ligament, **66A**, *242
subluxation
- anterior, new "unblocked" test, **69B**, *294
- complicating femoral lengthening by Wagner technique, **67B**, *33
suprapatellar plica, **66B**, 280
surgery
- a new device, **68B**, 338
- complications
- - thromboembolic disease, prophylaxis, **68A**, *146(*current concepts review*), 1304(*correspondence*), 1465(*correspondence*)
synovectomy
- in haemophilia, **68B**, 674
- in haemophilic arthropathy, **68A**, *210; **69A**, 152(*correspondence*)
- in juvenile chronic arthritis, **68B**, *223
- in juvenile rheumatoid arthritis, late results, **67A**, 824(*correspondence*)
- using intra-articular injection of dysprosium-165-ferric hydroxide microaggregates, **69A**, *970
synovial chondromatosis, in childhood, **65B**, *444
synovial fluid, normal, osmolality and exercise-induced changes, **67A**, *1336
synovitis, pigmented villonodular, torsion of, **67B**, *564
tissue reaction to carbon-fibre implants, **66B**, 282
tumours about
- giant-cell, *en bloc* excision and allograft reconstruction, **66B**, 297
- treatment
- - above-knee amputation, energy cost during gait after, **67A**, *606
- - resection and knee replacement, energy cost during gait after, **67A**, *606
valgus arthritic, supracondylar osteotomy, **67B**, 158

Kniest disease, pathogenic mechanisms in, **66A**, *825
Knowles pin fixation, for femoral neck fractures, effect of early weight-bearing on stability, **66A**, *847, 1495(*correspondence*)
Knuckle pads, causing extensor tendon tethering, **66B**, *128
Küntscher nailing, **67B**, 494
open, **68B**, 506
K-Y nail, **67B**, 147
Kyphectomy, in management of myelomeningocele kyphosis, **68B**, 856
Kyphoscoliosis, **66B**, 8
anterior exposure of cervicothoracic spine, **65A**, *992
severe progressive, spondylo-epi-metaphysial dysplasia with, **66B**, 454
Kyphosis
see also Spine deformities
anterior spinal cord decompression in, **66B**, 455
chronic, post-traumatic, **68B**, 853
congenital, in myelomeningocele, **66B**, 779
iatrogenic, complicating Harrington instrumentation in Marfan's syndrome, **66A**, *460
idiopathic, **67B**, 148
– with scoliosis, **67B**, *189
in myelomeningocele, **66B**, 302; **68B**, 856
– treatment
– – anterior/ posterior stabilisation, **66B**, 302
– – excision spinal osteotomy, **68B**, 159
– – kyphectomy and segmental spinal instrumentation, **68B**, 856
– – Luque rods in, **65B**, 98
lumbar, iatrogenic, correction, **69B**, 503
progressive, spinal correction osteotomy for, **68B**, 679
Scheuermann's, *see* Scheuermann's disease
stabilisation, vascularised rib grafts, **68B**, *357
treatment, segmental instrumentation with sublaminar wires, **69A**, *851
tuberculous, *see* Tuberculosis of spine

L

Lachman test, active, in assessment of anterior cruciate ligament, **69B**, *300(*brief report*)
Lactate determination, in synovial fluid, in rapid exclusion of septic arthritis, **66B**, 290
Lambrinudi triple arthrodesis, for correction of severe rigid drop-foot, **66B**, *66
Laminectomy
failed, treatment of sciatica after, **66B**, 605
for extradural secondary tumour, **66B**, 298
for spinal stenosis, **66B**, 608
in tumours of cauda equina, **67B**, *358
lumbar, postoperative pain, reduction by epidural morphine, **66A**, *113
post-operative instability, **67B**, 335
Langenskiold's operation, for congenital malformations, **66B**, 778
Larmon, William A., **67A**, 343(*obituary*)
Larsen–Johansson disease, fragmentation of proximal pole of patella, **67B**, *249
Lateral antebrachial cutaneous nerve, in grafting defects of digital nerve, **66A**, *1375
Lateral band signal, in diagnosis of knee disease, **69B**, *288
Lateral malleolus, rotatory malunion, corrected by osteotomy, **69B**, *481(*brief report*)
Latissimus dorsi
neurovascular pedicle, in replacement of paralysed anterior deltoid, **69B**, *647
transfer
– in functional reconstruction of limb, **65A**, *729; **66A**, 806(*correspondence*)
– to replace paralysed anterior deltoid, **69B**, *647
Lavage, role in prevention of haemodynamic and blood-gas changes during cemented arthroplasty, **65A**, *500
Laxity, joint, *see* Joint laxity
Lead arthropathy, progressive destruction of joint by retained bullet, **66A**, *292
Leeds–Keio anterior cruciate prosthesis, **68B**, 669; **69B**, 161, 493
deficiency, **69B**, 493
Leg, *see* Limbs, lower
Legg–Calvé–Perthes disease, *see* Perthes' disease
Leicester, University of, Paul J. Gregg appointed to Foundation Chair of Orthopaedic Surgery, **68B**, 339
Leiomyomatosis, metastasising to spine, **65A**, *1163; **66A**, 630(*correspondence*)
Leiomyosarcoma
of bone, primary, **69A**, *287
of hand and wrist, **68A**, *139
of saphenous vein, **69A**, *282
Leong, J.C.Y., appointment to Chair of Orthopaedic Surgery at University of Hong Kong, **65B**, 522
Leprosy
in India, **67B**, 840
plantar ulcers, posterior tibial neurovascular decompression in, **67B**, 497
Leprous neuritis, neurolysis of common peroneal nerve, **67B**, *426
Leukaemia, orthopaedic manifestations in children, **68A**, *494; **69B**, 506
Liability, medical: problem, prescription, prognosis (*Presidential address, American Orthopaedic Association*), **68A**, *1116
Lidocaine, intravenous, for anaesthesia in lower limb, **66A**, *1056; **67A**, 664(*correspondence*)
Ligament(s)
see also individual ligaments; and under relevant joints
injuries, surgical versus non-surgical treatment, **69A**, *605
laxity, *see* Joint laxity
new stitch for fixation, **68A**, *764(*brief note*)
reconstruction, using plantaris tendon, **67A**, *930
terylene, fixation to bone (in pigs), **65B**, 660
Limb(s)
amputations, *see* Amputations
bony lacerations due to assault, **66B**, *89
dystrophy, post-traumatic, **65A**, *642
ischaemia
– *see also* Compartment syndromes; Ischaemia; Vascular disease
– new approach to assessment, **67B**, 680
lengthening, by distraction of epiphyseal plate, experimental study, **68B**, *545
lower
– *see also* Gait
– amputations, *see under* Amputations
– anaesthesia, intravenous lidocaine, **66A**, *1056; **67A**, 664(*correspondence*)
– axial alignment, radiographic analysis, **69A**, *745
– bone-mineral content
– – effect of intense physical activity on, **68A**, *1090; **69A**, 793(*correspondence*)
– – relationship to cross-sectional geometry, **66A**, *1024; **67A**, 1142(*correspondence*)
– compartment syndrome, *see* Compartment syndrome of leg
– congenital abnormalities
– – diastasis of ankle, **66A**, *453
– – femoral bifurcation, **66A**, *453
– – tibial hemimelia, **66A**, *453
– congenital band causing impending gangrene, **65A**, *410
– crush injuries, **68A**, *414
– deformities
– – due to rickets, surgical correction, **69B**, 682
– – equinus, treatment by hemitransplantation of Achilles tendon, **68B**, *767
– – rachitic, management in children with chronic renal failure, **68B**, *791
– – rotational, **66B**, 605
– – in myelomeningocele, **66A**, *215
– exercise pain, chronic compartment syndrome and medial tibial syndrome, **68B**, *818
– flexion contractures, hypertension following correction, **68B**, 678
– fractures
– – incidence of knee-ligament injuries, **67B**, 151
– – of shaft of, incidence and significance of post-phlebitic limb following, **68B**, 506
– functional reconstruction by free tissue transfer of latissimus dorsi, **65A**, *729; **66A**, 806(*correspondence*)
– injuries, intracompartmental pressure monitoring, **67B**, *53
– intracompartmental pressure, ankle and knee position modifying, **66A**, *1415; **67A**, 824(*correspondence*)
– joint loading, hip joint replacement and, **65B**, 368
– leg ulcers, controlled trial of topical nutrition for, **68B**, 839
– length discrepancy, **69A**, *1100(*current concepts review*)
– – after femoral fracture, effect on spine, **66B**, *584
– – after plaster treatment for femoral shaft fractures, **69B**, *743
– – after total hip joint replacement, **65B**, 103
– – congenital, Syme's amputation for, **69B**, *433
– – congenital aplasia of cruciate ligaments, **68B**, *827
– – epiphyseal lengthening, force required to rupture epiphysis, **69B**, 496
– – femoral shortening, using step-cut osteotomy, **66B**, 297
– – following total hip replacement, method of prevention, **69B**, 489
– – in childhood, periosteal division in management of, **66B**, 276
– – in congenital absence of fibula, **69B**, *587
– – knee subluxation complicating femoral lengthening, **67B**, *33
– – management, epiphyseal distraction, **69B**, 154
– – measurement, computerised axial tomography, **69A**, *699
– – skeletal age estimation and, **69B**, 163
– – Syme's amputation for, **67B**, 150
– – treatment
– – – circumferential periosteal release, **69B**, *817
– – – tibial periosteal division, **69B**, *812
– length equalisation, with Wagner frame, **68B**, 668
– lengthening
– – Wagner method, **66B**, 149; **69B**, 682
– – – complications, **66B**, 149
– length measurement by CT scanography, **69B**, *846(*brief report*)

Limb(s)
lower (*continued*):
- musculature, in chronic symptomatic instability of anterior cruciate ligament, **67A**, *1034
- orthoses, *see under* Orthoses
- paralytic lesions, hemitransplantation of Achilles tendon, **68B**, *767
- post-phlebitic, following shaft fracture of leg, **68B**, 506
- reconstruction by vascularised osteocutaneous grafts, **66B**, 296
- residual shortening after osteotomy for Perthes' disease, **66B**, *184
- rotation patterns in growing children, **65B**, 366
- rotational problems in children, normal values to guide management, **67A**, *39, 823(*correspondence*)
- sensibility testing, in patients with herniated lumbar intervertebral discs, **67A**, *1219
- severely traumatised, reconstruction *v.* amputation, **66B**, 295
- shaft fractures, postphlebitic syndrome following, **69B**, *775
- skin defects, treatment, peroneal island flap, **67A**, *935
- spasticity, significance in myelomeningocele, **68B**, *213
- trauma, free tissue transfer in management of, **67B**, 335
- trophic, lumbar sympathectomy for, **67B**, 174(*annotation*)
- tumours
- - localisation by magnetic resonance imaging, **68A**, *929
- - primary bone, reconstruction prosthesis for resection, **67B**, 329
- unilateral oedema due to osteochondroma, **69B**, *339(*brief report*)
- valgus deformity, after proximal tibial fracture, **69B**, *482(*brief report*)
muscles, early bleeding into, in haemophilia, **65B**, *19
orthoses, *see under* Orthoses
physiology of endochondral growth, **69A**, *1101(*current concepts review*)
soft-tissue sarcomas
- clinical value of bone and gallium scanning, **66A**, *319
- staging, scintigraphy with gallium-67, **69A**, *886
tourniquet application, optimisation, **67A**, *303
trauma, combined bony and vascular, **66B**, 281
upper
- *see also* Forearm
- amputations, *see* Amputations
- amputees, rehabilitation, **66B**, 459
- bone defects, traumatic segmental, **69A**, *19
- calcification in neonate, due to extravasation of injected calcium solution, **65A**, *558; **66A**, 152(*correspondence*)
- compartment syndrome, *see* Compartment syndrome of arm
- deficiency
- - in children
- - - congenital and acquired, long-term review, **65B**, *346; **66B**, 146, 301
- - - electrically powered prosthesis, **67B**, 333
- injuries, external fixation, **69B**, 152
- management in cerebral palsy, **67A**, *500(*current concepts review*)
- management in traumatic tetraplegia, **65B**, 222
- muscles, early bleeding into, in severe haemophilia, **69B**, *100
- occupational overuse syndrome, **69B**, 166
- orthoses, *see under* Orthoses
- pain, due to brachial neuritis, **67A**, *878
- pseudotumour of arm, associated with rupture of silicone-gel breast prostheses, **65A**, *548
- salvage of replanted parts, **67A**, *878
- spasticity, significance in myelomeningocele, **68B**, *213
vascular disorders, *see under* Vascular disorders
Lipid, steroid-induced accumulation, in osteocytes of rabbit femoral head, **67A**, *755
Lipofibroma, of spine, in congenital scoliosis, **66A**, *588
Lisfranc's joint, injuries, in ballet dancers, **67A**, *1372
Lister's wiring method, **66B**, 164
Lithium fluoride, in thermoluminescence dosimetry, **65A**, *1
Little League shoulder syndrome, **67A**, *495
Liverpool Mark II knee prosthesis, long-term results, **68B**, *111
Liverpool elbow prosthesis, **66B**, *248
Liverpool University, appointment of Robert Owen to Chair of Orthopaedic and Accident Surgery, **65B**, 676
Lloyd-Roberts, George Charles, **68B**, 494(*obituary*)
Load cell analysis, following Silastic arthroplasty, **69B**, 158
Locomotion, *see* Gait
London University, Institute of Orthopaedics, *see* Institute of Orthopaedics
Long bones
adamantinoma, unusual localisation in fibula, **68A**, *293
deformities, angular, staged osteotomy and osteoclasis in correction of, **67B**, 506
excercise conditions, intra-osseous arteriovenous shunt, **67B**, 319
fibrosarcoma, **67B**, *111
fractures
- following treatment for Ewing's sarcoma, **67A**, *477
- in Paget's disease, **66B**, 297
- in patient with multiple trauma, **68A**, *948(*current concepts review*)
- pulmonary insufficiency after, **67B**, *835
- treatment, nylon cerclage fixation, **69B**, 682
healing, electrical effects of internal fixation, **68B**, 498
malignant fibrous histiosarcoma, **67B**, *111
Long bones (*continued*):
metastatic disease, diagnosis of impending pathological fractures, proposed scoring system, **68B**, 502
osteolytic Paget's disease, **68A**, *112
osteosarcoma, parosteal, surgical treatment, **67A**, *125
rudiments, cartilaginous, role of matrix components in morphogenesis of, **67B**, 317
sarcoidosis of, in child, **65A**, *1010
Loomis, Lyon K., **65A**, 1354(*obituary*)
Lordoscoliosis, thoracic, in neurofibromatosis, treatment by Harrington rod with sublaminar lining, **66A**, *1102; **67A**, 822(*correspondence*)
Lordosis
asymmetric, experimental, **69B**, *576
lumbar, changes in, following posterior spinal fusion and instrumentation, **69B**, 852
progressive lumbar hyperlordosis, associated with theco-peritoneal shunt, **67B**, *198
rotational, **67B**, 173
Lottes nailing, in open fractures of tibia, **65A**, *879
Lowell, J. Drennan, **69A**, 1114(*obituary*)
Lumbar radicular pain, treatment, epidural steroids, **67A**, *63, 980 (*correspondence*), 981(*correspondence*), 982(*correspondence*); **68A**, 788 (*correspondence*), 789(*correspondence*)
Lumbosacral, *see also under* Spine
Lumbosacral disc, anterior rupture of, **65A**, *1186
Lumbosacral nerve root(s)
see also Cauda equina
anomalies, **66B**, *411
bony entrapment, water-soluble radiculography in predicting level of, **67B**, 499
compression
- intra-operative spinal somatosensory evoked potentials, *see* Lumbosacral nerve roots
- L5 entrapment, **66B**, 785
entrapment syndrome, **67B**, 334
lateral recess stenosis, electromyography in diagnosis of, **67B**, 499
section causing scoliosis, **66B**, *27
Lunate bone, **66B**, *404
dislocation
- late reduction, **69B**, *734
- with and without scaphoid fracture, **66B**, *391
Lunatomalacia, **66B**, 405
Silastic replacement arthroplasty, **66B**, 297
Lunceford, Emmett Marvin, Jr., **67A**, 1450(*obituary*)
Lung(s)
see also Pulmonary
embolism after low-friction arthroplasty,
function
- assessment in children with scoliosis, **67B**, *699
- in scoliosis corrected by Harrington instrumentation, **69B**, 853
insufficiency, after long bone fractures, **67B**, *835
resection, multiple, metastatic osteosarcoma and, **68B**, *748
Luque instrumentation of spine, **66B**, 284
in correction of spinal deformity due to neuromuscular disease, **69B**, 684
for scoliosis, compared with Harrington instrumentation, **69B**, 853
in lumbar stabilisation, **66B**, 299
in treatment of kyphosis in myelomeningocele, **65B**, 98
in treatment of metastatic disease, **68B**, 852
in treatment of scoliosis, **66B**, 284
postoperative neurological deficits, **66A**, *1178
without fusion, impossibility in growing child, **69B**, 853
Luschka's joint, origin in cervical spine, **67A**, *788
Lyme disease
chronic arthritis of knee in, **68A**, *1057
in children, **69A**, *96
Lymphadenopathy, in silicone arthroplasty, **65A**, 280 (*correspondence*)
Lymphangioma, solitary intraosseus, **66A**, *1479
Lymphoma, Burkitt's, in appendicular skeleton, **65B**, *464
Lytic spondylolysis, repair by wiring, **67B**, 673

M

McBride bunionectomy procedure, **66B**, **66B**,
McBride operation for hallux valgus
hallux varus following, treated by extensor hallucis longus transfer, **66A**, *681
review in middle-aged females, **69B**, 156
Macdonald, William Laurence, **68B**, 838(*obituary*)
MacIntosh extra-articular tenodesis, **68B**, *453
MacIntosh lateral reconstruction of knee, **67B**, 152
MacIntosh over-the-top fascia substitution, for anterior cruciate insufficiency, **66B**, 610; **67A**, *1183
McKee, G.K., 80th birthday salutation, **68B**, 339
McKee–Farrar total hip arthroplasty, **68B**, *520
long-term follow-up, **67B**, 497

McKeever metallic hemiarthroplasty of knee, in unicompartmental osteoarthritis, **67A**, *203, *208
Macmillan, Charles, **67B**, 482(*obituary*)
McReynolds, I.S., **66A**, 969(*obituary*)
Madelung's deformity, **66B**, 778
Langenskiold's operation, **66B**, 778
Madreporic cementless total hip replacement, **68B**, 852; **69B**, 508
Maffucci's syndrome
chondrosarcoma in, **67A**, *1214; **68A**, 953(*correspondence*)
malignant potential of enchondromatosis, **69A**, *269
Magnetic resonance imaging (MRI), *see* Nuclear magnetic resonance
Magnuson–Stack operation, for recurrent dislocation of shoulder, **65B**, 518; **69B**, *111
Malignancy
see also Tumours
causing spinal instability, **66A**, *47
metastatic, isolated fracture of lesser trochanter as initial manifestation, **66A**, *770
simulated by post-traumatic pubic osteolysis, **66A**, *121, 975(*editorial*), 1143(*correspondence*)
Malignant fibrous histiocytoma, *see* Histiocytoma, malignant fibrous
Malleolus
fractures, treatment, biodegradable internal fixation, **69B**, *615
lateral
– rotatory malunion, corrected by osteotomy, **69B**, *481(*brief report*)
– symptomatic ossicles in children, **69B**, *317
medial
– loss in bimalleolar fracture, **65A**, *1184
– oblique fractures, relationship with tibial plafond fractures, **69A**, *381
– Salter–Harris Type-IV tibial fractures involving, **65A**, *1059
Mallet finger, fractures, **66A**, *658
Mallet thumb, **65B**, *606
Malpractice, medical, **69B**, 675
Mammaplasty, augmentation, silicone-gel breast prosthesis, rupture associated with pseudotumour of arm, **65A**, *548
Mammary, *see also* Breast
Mammary carcinoma, *see* Carcinoma, mammary
Manning, Charles William Stewart French, **65B**, 86(*obituary*)
Maquet tibial tubercle advancement operation, for failed patellectomy, **67B**, 156, 336
Maquet's tibial tubercle elevation, for anterior knee pain, **68B**, 337
Marfan's syndrome, Harrington instrumentation in, iatrogenic kyphosis complicating, **66A**, *460
Marrow, *see under* Bone
Marrow-fat, cell size, effect of exposure to compressed air in rabbit femur, **66B**, 290
Marshall, John L., **65A**, 137(*obituary*)
Massie, William Kenney, Jr., **65A**, 426(*obituary*)
Matrix vesicles, distribution of, in strontium-induced rickets, **66A**, *1274
Mayo total ankle replacement, **65B**, 520
Mechanoreceptors, in human cruciate ligament, **66A**, *1072
Medial collateral ligament, *see under* Knee
Median artery, persistent, associated with pronator syndrome, **69A**, *303
Median nerve
injury, delayed, due to retained glass fragments, **67B**, *382
neurolysis, internal, in treatment of severe carpal tunnel syndrome, **67A**, *253
paralysis in Hansen's disease, **66B**, *260
repair in distal part of forearm, anatomical basis, **68A**, *273
suturing, use of operating microscope, **69B**, *625
Medical liability, problem, prescription, prognosis (*Presidential address, American Orthopaedic Association*), **68A**, *1116
Medical malpractice, **69B**, 675
Medullary nailing, *see* Intramedullary nailing
Meissner corpuscles, **68B**, 19
Melorheostosis
of femur, osteosarcoma associated with, **69A**, *1232
of hand, **69A**, *1229
Melphalan, in treatment of fibrogenesis imperfecta ossium, **67B**, 318
Meningitis, following intraspinal migration of a bullet, **65A**, 567(*correspondence*)
Meningococcal septicaemia, epiphysial growth disturbance following, **65A**, *1181
Meningomyelocele, *see* Spina bifida
Meniscectomy
see also Menisci
anteromedial rotatory instability and, **65A**, 145
arthroscopic, **65A**, 418; **67B**, 507
– compared with other types, **65B**, *400, 521
– – open meniscectomy, **66B**, *189
– electrosurgical, **69B**, 162
– failures, **67B**, 157
– over 40 years of age, **68B**, 338
– partial, in patients aged over 50, **68B**, *707
– recovery rate, prostaglandin inhibition and, **67B**, *567
articular cartilage degeneration following, effects of postoperative joint immobilisation on, **65B**, 671
Meniscectomy (*continued*):
closed, **65B**, 373(*editorial*)
– partial, **67B**, 674
– – for mechanical symptoms, **65B**, *378, 517
– – for simple tears, **65B**, *378
for meniscal tears with anterior cruciate ligament rupture, **65B**, *388
in athletes, long-term follow-up, **69B**, *80
in children, **67B**, 847
in connection with prostaglandins, meniscal lesions and osteoarthritis, **67B**, 159
late degenerative changes after, **66B**, *666
medial
– effect on strain distribution in proximal tibia, **66A**, *1431
– effects of polysulphated polysaccharide on articular cartilage proteoglycans, **69B**, 165
– extended horizontal approach, **67B**, 152
– partial, arthroscopic, in older patient, **66A**, *547
– total bilateral, effects of exercise on articular cartilage integrity, experimental study, **68B**, 338
open
– comparison with arthroscopic, **66B**, *189
– enhanced revovery after synovial prostaglandin inhibition, **66B**, *193
– partial, compared with other types, **65B**, *400
open and closed, comparative analysis, **67B**, 157; **68B**, *301
peripheral repair as alternative to, **68B**, 159
secondary procedures on previously meniscectomised knees, **66B**, 305
total, compared with other types, **65B**, *400
Menisci
see also Meniscectomy
arthroplasty, **65B**, *383
arthroscopic suture, **69B**, 162
chondromalacia, **65B**, 403
development of, morphological changes, **65A**, *538
excision, effects on anterior-posterior stability of loaded anterior cruciate-deficient knee, **68A**, *71
function, in anterior-posterior stability of loaded anterior cruciate-deficient knee, **68A**, *71
injuries, in childhood, **65A**, 538
lateral, posterior detachment, **66B**, 788
localisation of proteoglycan in, **65B**, 100
pathology, and osteoarthritis of knee, **65B**, *24
pneumatocele, **67A**, *1117
removal, **65B**, 100
semilunar
– isolation and extraction of proteoglycans, **68A**, *55
– system of canals in, **69B**, 684
suturing, by open and arthroscopic techniques, **67B**, 336
tears
– associated with anterior cruciate deficiency, **69B**, 162
– associated with fracture of tibial tuberosity, **66A**, *790
– bucket-handle, **65B**, 403
– – clinical and arthrographic study, **65B**, *383
– diagnosis
– – arthroscopy, **66B**, 189
– – high-resolution computed tomography, **69A**, *498
– flap, **65B**, 403
– in connection with prostaglandins, meniscectomy and osteoarthritis, **67B**, 159
– longitudinal, **65B**, 403
– peripheral, suture of new and old, **6A**, 193
– repair
– – arthroscopic intra-articular, with posterior incision, **68A**, *847
– – arthroscopic techique, **67B**, *39
– – experimental methods, **68B**, *106
– – peripheral, as alternative to meniscectomy, **68B**, 159
– simple, with mechanical symptoms, meniscectomy for, **65B**, *378
– with anterior cruciate ligament rupture, meniscectomy for, **65B**, *388
Menopausal osteopenia, **69A**, *212, 952(*correspondence*)
Menopause, bone loss before and after, **66A**, *1015
Mental retardation, spinal deformities in, operative treatment of, **65A**, *43
Merkel cells, **68B**, 20
Mesenteric artery syndrome, superior, *see* Superior mesenteric-artery syndrome
Metabolic response to injury, mechanisms and clinical implications, **68A**, *782(*current concepts review*)
Metacarpal arch, transverse, reversal of, in intrinsic-minus hand, **65A**, *514
Metacarpal bone(s)
fifth, fractures of neck of, early mobilisation, **67B**, 492
fractures, reduction, **66B**, 159
tumours
– metastatic lesions, **68A**, *743
– osteoma, giant, **67A**, *487

* Indicates full article or appreciable part

Metacarpophalangeal joint(s)
acute dislocation of extensor digitorum communis tendon, **69A**, *616
arthroplasty
- implant, with Silastic spacer, **66A**, *365
- in rheumatoid arthritis, silicone-rubber implant, **68A**, *206
- Silastic interpositional, **66B**, 777
of thumb
- injuries, acute, **68B**, 157
- locking, **67A**, *782
- ulnar collateral ligament, rupture and displacement, **68A**, *1320
rupture of extensor mechanism, **66A**, 1108; **67A**, 346(*correspondence*), 505(*correspondence*)
Metachondromatosis, **67A**, *811
Metallic implants
corrosion of titanium/cobalt–chromium alloy couples, **65A**, *1125
design by CT scanning and solid modelling, **68B**, *208
Metaphyseal blanch sign, of slipped capital femoral epiphysis, **68A**, *920
Metaphyseal defects, porous hydroxyapatite as bone-graft substitute in, **68A**, *904
Metaphyses, osteomyelitic cavities in children, treatment protocol, **67B**, *443
Metastases
detected by gallium-67 scintigraphy, **69A**, *886
late, from osteogenic sarcoma, **67A**, *147
Metatarsal bone(s)
first
- osteotomy
- - compared with Keller's operation, **66B**, 772
- - for hallux valgus, **69B**, 493
- - open wedge, in treatment of bunions, **69B**, 685
- shortening of, **66A**, *582
- - complicating metatarsal osteotomy, **66A**, *582
- varus deformity, **69B**, 678
- - cerclage technique for, **69B**, 678
fractures, of base, distal to tuberosity, **66A**, 209
osteotomy, **67B**, 671
- and open reduction of metatarsophalangeal joint dislocations, **67B**, 671
- comparison of Hohmann and Wilson procedures, **69B**, 678
- complications of pressure metatarsalgia, **65B**, *582
- for hallux valgus, **68B**, 667
- for metatarsalgia, **69B**, 156
- - and biomechanics of forefoot, **69B**, 158
- for painful plantar keratoses, **68B**, 844
- transfer lesions following, **68B**, 843
second, stress fractures involving Lisfranc's joint, in ballet dancers, **67A**, *1372
tumours
- desmoplastic fibroma, **68A**, *459
- metastatic lesions, **68A**, *743
Metatarsalgia
lateral, treatment, arthrodesis of first metatarsophalangeal joint, **69A**, *68
Morton's, **65B**, 220; **66B**, *586; **67B**, 670; **68B**, 333
pressure
- metatarsal osteotomy for, **65B**, 220
- telescoping osteotomy for, **66B**, *213
treatment
- metatarsal osteotomy
- - and biomechanics of forefoot, **69B**, 158
- - sliding distal, **69B**, 156
Wolf osteotomy for, **67B**, 326
Metatarsophalangeal joint(s)
dislocation
- Type-I complex, open reduction through dorsal approach, **66A**, *1120
- open reduction with metatarsal osteotomy, **67B**, 671
first
- arthrodesis, **66B**, *703; **68B**, *774
- - as salvage for failed Keller procedure, **69A**, *68
- - for hallux valgus in rheumatoid arthritis, **66A**, *687
- kinematics, **68A**, *392
- replacement with silicone elastomer ball-shaped spacer, **68B**, 845
- Silastic ball spacer, **69B**, 678
fusion, **67B**, 670
implant arthroplasty, **66B**, 772
synovitis, non-inflammatory, **68B**, 845
Metatarsus adductus
et supinatus, isolated, management, **66B**, *376
reappraisal of, **68A**, *1185
Metatarsus primus varus, osteotomies for, **67B**, 670
Metatarsus varus, in club foot, **69B**, *832
Metatropic dwarfism, **69A**, *174
Methacrylate, *see* Methylmethacrylate
Methotrexate
effect on repair of segmental autografts (in dogs), **65A**, *103
effects on bone, short-term experimental study, **66A**, *602
Methylene diphosphonate
bone scanning, in diagnosis of childhood osteomyelitis, **65B**, 102
extraction of, in assessment of electrical stimulation of fracture healing, **65B**, 364
volume of distribution in normal and infected bone, **68B**, 840
Methylmethacrylate
see also under Acrylics
adjunctive, in treatment of intertrochanteric fractures and osteoporosis, **67A**, *1094; **68A**, 1303(*correspondence*)
anaphylatoxin release associated with use of, **69A**, *46
and cardiorespiratory changes during cemented arthroplasty, **69A**, *822
antibiotic-impregnated, in total joint arthroplasty, **68A**, *1297(*current concepts review*)
in stabilisation of spine, **66A**, *40
- failure, **68A**, *1145; **69A**, 1108(*correspondence*)
intravenous, after total hip replacement, **66A**, *443
Methylprednisolone
in treatment of fat embolism syndrome, **69B**, *128
intra-articular injections of, inducing hydroxyapatite deposition in articular cartilage, **68A**, *509
Metrizamide myelography, indications for, **65A**, *1144
Microcapillary infusion, in study of intramuscular pressure and muscle blood flow in compartment syndrome, **69B**, *301
Microdiscectomy, for failed chemonucleolysis, **67B**, 335
Micromovement, induced, influence on fracture healing, **67B**, *650
Microscope
operating
- in peripheral nerve suturing, **69B**, *625
- nerve suture with and without, **69B**, 153
Microvascular anastomosis, free epiphysial transfer with (in dogs), **65B**, *493
Mid-tarsal joint, subluxation, occult, **67B**, 672
Military medicine, medical lessons from Falkland Islands' campaign, **65B**, *507
Military recruits, recurrent stress fractures, **68B**, *439
MNS genotypes, in ankylosing spondylitis, **68B**, *656(*brief report*)
Milwaukee brace, **67B**, 173, 177
in treatment of Scheuermann's kyphosis, **69A**, *50
late results in scoliosis, **69B**, 852
Mitchell osteotomy, modified, in treatment of children's bunions, **67B**, 334
Mitochondria, possible role in callus calcification, **68A**, *703
Mitsui Memorial Hospital System, for atlanto-axial subluxation, **66B**, *422
Moiré topography, in scoliosis, accuracy of, **67B**, *211
Mollan, R.A.B., appointment to Chair of Orthopaedic Surgery at Queen's University, Belfast, **65B**, 521
Mongolism, *see* Down's syndrome
Monk "hard top" hip prosthesis, acetabular erosion and, **66B**, *172
Monteggia fracture-dislocation
in children, **65A**, *1276; **66B**, 301; **67B**, *724, *728; **68A**, *615
lateral, **67B**, 334
missed, ulna osteotomy for, **68A**, *703
Moreira, *see* de Godoy Moreira
Morphine
epidural
- for postoperative analgesia in low-back surgery, **69B**, 510
- in reduction of pain following lumbar laminectomy, **66A**, *113
Morquio's syndrome, computerised tomography in diagnosis, **66A**, *708
Morton's metatarsalgia, **65B**, 220; **66B**, *586; **67B**, 670; **68B**, 333
Motor cycle accidents, *see under* Accidents, traffic
MRI (Magnetic resonance imaging) *see* Nuclear magnetic resonance
Moulded baby syndrome, hip in, **66B**, *491
Mucocutaneous lymph-node syndrome, *see* Kawasaki syndrome
Mucopolysaccharides, *see* Glycosaminoglycans
Müller total hip replacement, curved-stem prosthesis: ten-year follow-up, **65A**, 711(*correspondence*)
Multiple injuries
in children, **65A**, *1290
surgical nutrition in patient with, **65A**, *123
Multiple linear regression, **66A**, *1314(*current concepts review*)
Mummies, Egyptian, feet, **66B**, 773
Muscle flaps, medial and lateral gastrocnemius, in salvage of infected total knee prosthesis, **65A**, *681
Muscle(s)
see also Electromyographic studies; *see also specific muscles and under regional headings; see* also terms beginning with *Myo-*
amyotrophy, diabetic, **67A**, *1132
balance, **67B**, *432
belly, pedicle graft, in management of pressure sores in paraplegics, **67B**, 507
blood flow, during exercise in compartment syndrome, **69B**, *301
composition of fibres in adolescents, **67B**, 506
effect of deformity and immobility during growth, **68B**, 496
flaps, in treatment of chronic osteomyelitis, **67A**, *175
imbalance, knee-joint injuries and, **66A**, *734
intramuscular pressure, during exercise in compartment syndrome, **69B**, *301

* Indicates full article or appreciable part

Muscle(s) (*continued*):
ischaemia
– *see also* Compartment syndromes
– due to tourniquets, *see under* Tourniquets
isometric training, **65B**, *355
metabolic changes, due to tourniquet ischaemia, phosphorus-31 NMR study, **65B**, 658
pedicle flap, in postoperative bone infection, **66B**, 146
regeneration in closed compartment syndromes, **67B**, 319
relative strengths and excursions about foot and ankle, **67B**, *432
short, **67B**, *432
skeletal, *see* Skeletal muscles
strength after bilateral femoral osteotomy, **66A**, *792
tonic vibratory reflex, **68B**, 505
weakness, in Friedreich's ataxia, **69B**, 507
Muscular dystrophy, Duchenne's, *see* Duchenne muscular dystrophy
Muscular torticollis, modified surgical approach, **65A**, *894
Musculo-aponeurotic fibromatosis, *see* Desmoid tumour
Musculoskeletal pain, a non-orthopaedic approach, **67B**, 678
Musculoskeletal sepsis
cephalosporin antibiotics in prevention and treatment of, **65A**, *1201 (*current concepts review*)
diagnosis, indium-labelled-leucocyte imaging compared with sequential technetium-gallium scanning, **67A**, *465
Musculoskeletal system, occupational injuries, **68A**, *469(*current concepts review*)
Mycobacterial infections
non-tuberculous, clinicopathological spectrum, **67A**, *925
of soft tissue, associated with use of hot tub, **68A**, *766
Mycobacterium infections
causing stiff fingers, **65B**, 219
of hand and wrist, **69A**, *1161
Myectomy, primary, for sarcoma, **68A**, *586
Myelitis, transverse, following chemonucleolysis, **65A**, *1328; **67A**, 345 (*correspondence*), 346(*correspondence*)
Myelodysplasia, *see* Spina bifida
Myelography
for spinal cord injuries, **65A**, 135(*correspondence*)
in diagnosis of cauda equina tumour, **67B**, *361
in diagnosis of central spinal stenosis, **67A**, *240
in idiopathic scoliosis, **66B**, 790
in lumbar disc disease, **69B**, 509
metrizamide, indications for, **65A**, *1144
timing of discectomy and, complications related to, **65B**, *259
Myelomeningocele, *see* Spina bifida
Myelopathy
see also under Spinal canal; Spinal cord
cervical
– associated with posterior atlanto-axial subluxation, **67A**, *593
– complicating rheumatoid atlanto-axial subluxation, **68B**, *350
– due to athetoid cerebral palsy, **69A**, *815
– following operation for rheumatoid cervical spine, **69B**, *8
– in pseudogout, **66A**, *1301
– in rheumatic fever, **67A**, *593
– in rheumatoid arthritis, **66B**, *426; **67B**, 498
– spondylotic
– – anterior cervical fusion in, **66B**, 611
– – complicating athetoid cerebral palsy, surgical treatment, **66B**, *504
– treatment
– – canal-expansive laminaplasty, **66A**, *914
– – occipitocervical fusion, **69A**, *833
complicating rheumatoid arthritis, **67B**, 498
in rheumatic disease, contra-indicating bilateral hip and knee replacement, **67B**, *261
Myelotomography, computerised, in assessment of rheumatoid atlanto-axial subluxation, **68B**, *350
Myoclonus, spinal, **66A**, *304
Myoelectric prostheses, **67A**, *654(*current concepts review*)
training methods for preschool child with congenital below-elbow amputation, **67B**, *273
Myofibroblast, extracellular matrix-cytoskeletal connections of, in Dupuytren's disease, **69A**, *1400
Myofibrosis, due to pentazocine injections, **65A**, *1007
Myoglobin assay, in detection of tourniquet ischaemia, **67B**, 160
Myoglobinuria, post-anaesthetic, with acute renal failure, **65A**, *413
Myositis ossificans
in fracture healing with head injury, **69B**, *525
in newborn, **68A**, *456
Myxoma, soft-tissue, Albright's syndrome and hypophosphataemic osteomalacia with, **65B**, *621

N

Nailfold, radical excision for ingrowing toenail, **66B**, *63
Nailing
see also Staple and screw fixation
intramedullary, *see* Intramedullary nailing
Nail-plates
in subtrochanteric fractures, **68B**, *255
Jewett, **65B**, 218
– compared with dynamic hip screw, **68B**, 157, *557
trochanteric, **68B**, *557
Nails (digital), *see* Toenails
Namaqualand hip dysplasia, **67B**, 506
Navicular bone (carpal), *see* Scaphoid bone
Navicular bone (tarsal), accessory, symptomatic, surgical treatment, **66B**, *218
Naviculocapitate syndrome, **66B**, 557
Neck
see also Cervical; Spine, cervical; Spondylosis, cervical
femoral, *see under* Femur
fixation, sublaminar wires, **68B**, 681
injuries, due to rear-end vehicle collisions, prognosis of, **65B**, *608
instability, anterior spinal fusion, complications, late oesophageal perforation, **67A**, *644
transverse posterior approach, **67B**, *616
Necrosis
bone, *see* Bone necrosis
skeletal muscles, reduction using intermittent hyperbaric oxygen in model compartment syndrome, **65A**, *656
Neer hemiarthroplasty, for complex fractures of humerus, **66B**, 149, 296
Neer's arthroplasty of shoulder, **66A**, *899; **69B**, 683
in rheumatoid arthritis, **69B**, *723
resection of proximal humerus, **69B**, 503
Neochondrogenesis, induction of, in free intra-articular periosteal autografts under influence of continuous passive motion, **66A**, *1248
Neoplasms, *see* Tumours; *see also specific terms and under* tissues and structures involved
Neotendon
induced by carbon-fibre implant, **66B**, *131, *206
induced by polyester-fibre implant, **66B**, *131
Nerve(s)
see also Brachial plexus; Cauda equina; *and under* individual nerves
electrical stimulation, for hemiplegia, **67A**, *792
grafting, **68B**, 3
– digital, for traumatic defects, **66A**, *1375
– evaluation of thumb sensibility after, **67B**, *814
– experimental, vascularisation and regeneration, **67B**, 319
– free vascularised, model for study of, **65B**, 659
– in distal part of forearm, anatomical basis for surgical technique, **68A**, *273
injuries
– associated with closed fractures and dislocations, **66B**, 458
– suprascapular nerve denervation secondary to attenuation by a ganglionic cyst, **68A**, *627
lateral antebrachial cutaneous, in grafting defect of digital nerve, **66A**, *1375
nerve root entrapment syndrome, treatment by spinal fusion, **65B**, 669
percussion test in diagnosis of carpal tunnel syndrome, **68A**, *735
peripheral
– assessment of function after division and suture, **69B**, 496
– compression syndromes, sensibility testing in, **65A**, *632
– injuries, **68B**, 2
– – iatrogenic, **68B**, 9
– – – diagnosis and treatment, **68B**, 11
– – – during operation, **68B**, 10
– – – ischaemic damage, **68B**, 10
– – – legal aspects, **68B**, 12
– – – pressure during anaesthesia, **68B**, 11
– – – tourniquet damage, **68B**, 11
– – neurolysis for, **66B**, 460
– – present position, **68B**, 2
– – repair, **68B**, 2, 3
– suturing, use of operating microscope, **69B**, *625
regenerating, two-point discrimination test and, **68B**, 15
roots
– compression
– – in spondylolisthesis, **68B**, *596
– – in spondylolysis, **68B**, *596
– decompression for spinal stenosis, **67B**, 150
– lumbar, pain, treatment with epidural steroids, **67A**, *63, 980(*correspondence*), 981(*correspondence*), 982(*correspondence*); **68A**, 788(*correspondence*), 789(*correspondence*)
– lumbosacral, *see* Lumbosacral nerve roots; *see also* Cauda equina
– postoperative scar, CT differentiation from recurrent disc herniation, **69B**, 510
stimulation
– effect on pain due to osteoarthritis of hip, **67B**, 152
– for painful peripheral neuropathies, **67B**, *470
suture, with and without operating microscope, **69B**, 153
tumours, *see also* Neurofibromatosis
ulnar, grafting, role of vascularisation in brachial plexus lesions, **67B**, 494
Neufeld, Alonzo J., **67A**, 984(*obituary*)
Neural crest cells, skull development and, **65B**, 89

* Indicates full article or appreciable part

Neural fibrosis, and effect of neurolysis, **68B**, *483
Neuralgic amyotrophy, **69B**, *195
Neurilemmoma, sciatic, sciatica from, **68A**, *1456
Neurofibroma, *see also* Neurilemmoma
Neurofibromatosis
associated with congenital pseudarthrosis of tibia, **67B**, *459
associated with scoliosis, **67B**, 500
dislocation of thoracic spine, associated with dural ectasia, **69A**, *1079
dystrophic spinal deformities in, anterior and posterior fusion for, **66B**, *495
pathological hip dislocation in, **65A**, *414
thoracic lordoscoliosis in, treatment by Harrington rod with sublaminar wiring, **66A**, *1102; **67A**, 822(*correspondence*)
with pseudarthrosis of humerus, **69B**, *121
Neurogenic claudication, treatment with calcitonin, **66B**, 278
Neurolysis
for peripheral nerve injuries, **66B**, 460
in treatment of femoral neuropathy secondary to pressurised cement in total hip replacement, **69A**, *623
in treatment of neural fibrosis, **68B**, *483
of common peroneal nerve, in leprosy, **67B**, *426
of median nerve, for severe carpal tunnel syndrome, **67A**, *253
Neuroma, *see also* Neurilemmoma
Neuromuscular disease, spinal stabilisation in, **68B**, 507
Neuropathic arthropathy, **67A**, *562
Neuropathic ulceration, treatment, total contact plaster casts, **69B**, 159
Neuropathy, peripheral, painful, direct nerve stimulation for, **67B**, *470
Neuropraxia, of cervical spinal cord, with transient quadriplegia, **68A**, *1354
Neurorrhaphy, evaluation of thumb sensitivity after, **67B**, *814
New Zealand Orthopaedic Association
meetings, **65B**, 517; **66B**, 608; **67B**, 672; **68B**, 671
presidential addresses, **68B**, 671 –
Nicholson, Jesse Thompson, **69A**, 1112(*obituary*)
Nissen, Karl I., 80th birthday, **68B**, 345(*editorial*)
NMR, *see* Nuclear magnetic resonance
Nitrendipine, efficacy of, in ischaemic replanted extremities in rats, **69A**, *442
Nitrogen, injection from power reamer, complicating nailing of femur, **65A**, *860
Noiles hinged knee prosthesis, **68A**, *579
evaluation, **68A**, *579
Noonan's syndrome, skeletal anomalies, **69B**, 506
Noradrenaline, effect on microcirculation in bone, **67B**, 319
Nottingham University, appointment of W. Angus Wallace to Chair of Orthopaedic and Accident Surgery, **67B**, 681
Nuclear magnetic resonance (NMR), **68A**, *799(*editorial*); **69B**, 677
clinical application, **65B**, *533(*invited article*)
impact on management of neurological complications of spinal deformity, **69B**, 854
in demonstration of intervertebral disc changes after chemonucleolysis, **68B**, *719
in diagnosis of disc degeneration, comparison with discography, **68B**, *369
in diagnosis of lateral canal entrapment, **66B**, *711
in evaluation of aseptic necrosis of talus, **68A**, *927
in evaluation of Gaucher disease, **68A**, *802
in localisation of small tumour in leg, **68A**, *929
in measurement of tissue pH at calcifying fronts, **67B**, 154
in orthopaedics, **67B**, *659; **69B**, 683
in Perthes' disease, **66A**, *1357; **69B**, 683
in planning limb-salvage surgery for primary malignant tumours of bone, **68A**, *809
in study of adolescent disc herniation, **69B**, *699
in study of anatomy of normal knee, **68B**, *117
in study of foot, **68B**, 845
in study of metabolic changes in muscle due to tourniquet ischaemia, **65B**, 658; **66B**, *434
in study of Perthes' disease, **67B**, 333
in study of scoliosis, **69B**, 854
musculoskeletal application, **66B**, 290
phosphorus
– and hypophosphataemia, **65B**, 91
– bioenergetic study of compartment syndrome, **67B**, 330
Nucleus pulposus regeneration, following chymopapain injection into intervertebral disc, **65A**, *1220
Nutritional osteomalacia, presenting with plantar fasciitis, **69B**, *38
Nutritional status
importance in prediction of wound-healing after amputation, **66A**, *71
markers of, in patients with femoral neck fractures, **67B**, 160
Nutritional support, in severe late stress, **68A**, *785(*current concepts review*)
Nylon cerclage
fixation of fractures of long bones, **69B**, 682
bands, *in vitro* investigation into biochemical status of, **66B**, 278

O

Obituaries
Arnold, William D., **67A**, 1145
Batchelor, John Stanley, **69B**, 674
Burns, Bryan Hartop, **67B**, 665
Butler, Richard Weeden, **65B**, 362
Campbell, Crawford Jennings, **65A**, 1209
Charnley, Sir John, **65B**, 84
de Godoy Moreira, Francisco, **69A**, 1113
Define, Domingo, **68A**, 316
Dehne, Ernst, **66A**, 312
Donovan, Michael M., **69A**, 155
Elliston, William A., **67A**, 985
Evans, Evan Stanley, **65B**, 211
Ficat, Paul, **68A**, 792
Garber, J. Neill, **68A**, 793
Gucker, Thomas, III, **69A**, 312
Hatcher, C. Howard, **65A**, 713
Hauser, Emil D.W., **65A**, 423
Hensley, Cline D., **65A**, 1032
Janes, Joseph Mowat, **67A**, 663
Jansen, Knud, **65B**, 88
Kelikian, Hampar, **66A**, 632
Kendrick, James I., **68A**, 1467
Kessel, Lipmann, **69B**, 146
Larmon, William, A., **67A**, 343
Lloyd-Roberts, George Charles, **68B**, 494
Loomis, Lyon K., **65A**, 1354
Lowell, J. Drennen, **69A**, 1114
Lunceford, Emmett Marvin, Jr., **67A**, 1450
Macdonald, William Laurence, **68B**, 838
Macmillan, Charles, **67B**, 482
Manning, Charles William Stewart French, **65B**, 86
Marshall, John L., **65A**, 137
Massie, William Kenney Jr., **65A**, 426
McReynolds, I.S., **66A**, 969
Neufeld, Alonzo J., **67A**, 984
Nicholson, Jesse Thompson, **69A**, 1112
Osmond-Clarke, Sir Henry, **69B**, 484
Ottolenghi, Carlos E., **66A**, 1498
Parker, Arthur Orfeur, **65B**, 511
Pedersen, Herbert E., **68A**, 1129
Powers, John Alfred, **68A**, 315
Pulvertaft, Robert Guy, **69B**, 145
Redler, Irving, **66A**, 1497
Reynolds, Fred C., **69A**, 313
Riseborough, Edward J., **68A**, 153
Slocum, Donald Barclay, **67A**, 825
Smith, Richard Jay, **69A**, 1305
Stack, James K., **67A**, 344
Taylor, Lloyd W., **67A**, 1144
Thomas, Goronwy Evan, **67B**, 138
Thompson, Frederick Roeck, **65A**, 873
Wilson, John C. Jr., **66A**, 1496
Wood, Hubert Lyon-Campbell, **65B**, 87
Yasuda, Iwao, **66A**, 311
Obturator nerve, palsy, due to intrapelvic extrusion of cement during total hip replacement, **67A**, *1225
Occipito-atlantal instability
in children, **69A**, *429
in Down's syndrome, asymptomatic, **69A**, *293
Occipitocervical fusion, indications, technique and longterm results, **69A**, *833
Occiput, pyogenic osteomyelitis, **69A**, *1069
Occupational orthopaedics, **68A**, *469(*current concepts review*)
Occupational overuse syndrome, of upper limb, **69B**, 166
Odontoid process, *see under* Axis vertebra
Oesophageal perforation, from autogenous bone graft, **67A**, *644
OHD, 25-, *see* Vitamin D, 25-hydroxy
Olecranon
see under Ulna
Ollier disease, malignant potential of enchondromatosis, **69A**, *269
Operating microscope, *see* Microscope, operating
Operating theatre
asepsis in
– bacteriologically occlusive clothing system, **65B**, *502
– conversation as cause of airborne bacterial contamination, **65A**, *357; **66A**, 472(*correspondence*)
– ultra-clean air, **66B**, 645
burns in, due to hot autoclaved instruments, **66B**, 778
personnel, radiation exposure, during fluoroscopic guidance techniques, **65A**, *1
Operative suction, contamination of, **68B**, *151
Opsismodysplasia, pathogenic mechanisms in, **66A**, *830
Orthopaedic Associations of the English-Speaking World, eighth combined meeting, **69A**, *1250

* Indicates full article or appreciable part

Orthopaedic appliances
see also Orthoses; Traction; *and specific appliances*
spinal, **65B**, *242
swivel walker, **65B**, *242
Orthopaedic implant materials
see also Acrylics; Carbon fibre; Metallic implants; Polyester fibre
ultra-high molecular weight, effect of conformity, thickness, and material on stresses in, **68A**, *1041
Orthopaedic patients, problem drinking, **66B**, 615
Orthopaedics
advances and current problems
– orthopaedics in 1887, **69A**, 1257
– orthopaedics 1888-1920, **69A**, 1259
– orthopaedics 1921-1953, **69A**, 1262
advances in adult orthopaedic surgery 1954-1987, **69A**, 1267
advances in orthopaedic surgery for trauma 1954-1987, **69A**, 1270
advances in pediatric orthopaedics in North America 1954-1987, **69A**, 1265
and health-care systems in USA and Canada, **67A**, *1434
auditing system, **65B**, 663
children's, in North America, ABC travelling fellows' report, **65B**, 513
choice of residents, **68B**, 335
conflicts of interest in, **66A**, 1327(*editorial*); **67A**, 1304(*correspondence*)
day case surgical unit, establishing and running, **68B**, 677
education
– of future orthopaedists, **66A**, *1139
– progress in, **69A**, 1279
evolution of the speciality, **67B**, 672
future of, **65B**, *1190
gallium-67 citrate scanning in, **65B**, 517
Grass Roots, Ivory Towers, Science and The Academy (*First Vice-President's Address*, American Academy of Orthopaedic Surgeons), **69A**, *479
in 1887: advances and current problems, **69A**, 1257
in America
– crisis, challenge and credibility (*First Vice-President's address*, American Academy of Orthopaedic Surgeons), **67A**, *658(*current concepts review*)
– currents in delivery of orthopaedic care, **69A**, 1284
– operations in, 1979-83, **68A**, *716
– research and teaching in, ABC Travelling Fellows' report, **65B**, 515
in Australia: Golden Jubilee (1986), **67B**, 519
in Britain: transform or conform (*Presidential Address*, British Orthopaedic Association), **67B**, *483
in Canada: "Le passé, le présent et l'avenir" (*Presidential address*, Canadian Orthopaedic Association), **67B**, *321
in developing countries, **67B**, *840
in France, **66B**, *604(*invited contribution*)
in People's Republic of China, **69B**, 162
interface with chiropody, **68B**, 845
leaders and leadership (*Presidential address*, American Orthopaedic Association), **67A**, *198
medicine in the third millennium, **69A**, 1287
new style of medicine, **68A**, 1(*editorial*)
new therapeutic approaches, methodological guidelines for clinical trials, **67A**, *1294(*current concepts review*)
occupational, **68A**, *469(*current concepts review*)
orthopaedic manpower, **68A**, 639(*editorial*)
pediatric, advances in North America 1954-1987, **69A**, 1265
public policy and, **69A**, 959(*editorial*)
research, **67B**, 673
– ABC Travelling Fellows' report, **65B**, 513
– and education, **69B**, 677
– progress in, **69A**, 1276
residency selection process, **68A**, *1292, 1135(*editorial*)
scientific method in, **68A**, 314(*correspondence*)
specialisation, **68B**, *658
statistics in, **66A**, *468(*current concepts review*), *794(*current concepts review*), *1309(*current concepts review*); **69A**, *463(*current concepts review*)
unity of, **66A**, *800
value of multi-centre computerised study, **68B**, 338
Orthopaedic surgeons, **68B**, *662
radiation exposure
– during closed interlocking intramedullary nailing, **69A**, *761
– in fluoroscopic guidance techniques, **65A**, *1
resource allocation and needs of, role of American Academy, **68A**, *479
Orthopaedic surgery
complications of, fatal toxic shock syndrome, **66A**, *952, 1321(*correspondence*)
methicillin/cloxacillin resistant *Staphylococcus* in, **67B**, 336
percutaneous, **66B**, 778
prophylactic cefamandole in, **66A**, *1219; **67A**, 665(*correspondence*)
science and art of, **68B**, *671
Orthoplast cast-bracing, for Colles' fractures, **66B**, 286, *749
Orthoses
see also External fixators; Orthopaedic appliances; Plaster casts; Traction
braces, *see* Braces
calcaneal tendon rupture, treatment by external fixation, **67B**, *449
cast-bracing, in treatment of fractures of femur, **65A**, *56; **65B**, 517
– and tibia, **65A**, *56; **65B**, 517; **68B**, 677
dynamic axial fixators, **66B**, 538
effect on natural history, **67B**, 173
external fixators
– for fractures of distal radius, **66B**, 777
– halo, **68A**, 319(*editorial*)
– – complications in use, **68A**, *320
– – – failure of immobilisatin of cervical spine, **68A**, *326
Hip Guidance, **69B**, *173(*annotation*)
Hoffmann external-fixation frame, stability of ten configurations, **69A**, *734
Hughes fixator, in treatment of tibial fractures, **67B**, 845
lower-limb, cast-brace, for femoral fractures, **65A**, *56
Oxford external fixation frame, **67B**, 145
pneumatic, in osteogenesis imperfecta, **68B**, 668
prefabricated functional braces for tibial shaft fractures, **66A**, *1328
Reciprocating Gait, **69B**, *173(*annotation*)
spinal, *see* Spine instrumentation
upper limb, functional bracing
– for peri-articular fractures proximal tibia, **67B**, 145
– in Colles' fractures, **66B**, 776
Wagner external skeletal-fixation system, in treatment of femoral shaft fractures, **66A**, *360
Wilmington brace, in treatment of idiopathic scoliosis, **68A**, *602
Orthotics, *see* Orthopaedic appliances
Os acromiale, rotator cuff tears associated with, **66A**, *427, 1320(*correspondence*)
Os calcis, *see* Calcaneus
Os odontoideum, computerised tomography in diagnosis of, **66A**, *708
Osgood–Schlatter disease
fragmentation of proximal pole of patella, **67B**, *249
genu recurvatum as possible complication after, **66A**, *1129
Osmond-Clarke, Sir Henry, **69B**, 484(*obituary*)
Osseous blood flow, *see* Bone blood flow
Ossification
see also Bone grafting; Bone growth; Epiphyseal cartilage; Fracture healing; Osteogenesis
ectopic
– *see also* Calcification
– following total hip replacement in juvenile chronic arthritis, **65A**, *812
– of coracoclavicular ligaments in ankylosing spondylitis, **65A**, *1017, 1356(*correspondence*)
endochondral
– defective, causing metatropic dwarfism, **69A**, *174
– role of chondrocyte mitchondria, **67A**, *113
– role of hypertrophic chondrocytes, **69A**, 159(*editorial*)
heterotopic, resection in adult with head trauma, **67A**, *1261
secondary centre, in murine distal femoral epiphysis, associated vascular events, **69A**, *185
Osteitis
condensing, of clavicle, **66A**, *1484; **69A**, *550
deformans, *see* Paget's disease of bone
infectious, *see* Osteomyelitis
Osteoarthritis
aetiology, elasticity of subchondral bone and, **67B**, 843
cellular considerations in, **66A**, *144
characteristics, **67A**, *586
coexistence with osteoporosis, **67A**, *586
early, arthroscopic surgery for, **68B**, 201
in connection with prostaglandins, meniscal lesions and meniscectomy, **67B**, 159
mechanical considerations in, **66A**, *144
of carpometacarpal joints, treatment, osteotomy, **65B**, *179
of elbow, complicating pseudarthrosis of ulna, **68B**, *574
of hip
– articular cartilage of femoral head, chemical and mechanical changes in, **66B**, 288
– bone scanning for hip fracture, **69B**, *529(*brief report*)
– bone turnover in, **67B**, 318
– in Asians, **67B**, *225
– in patients with proximal femoral fractures, **69B**, *529(*brief report*)
– osteoblastic response to, **69B**, *746
– pain due to, effect of peripheral electrical nerve stimulation, **67B**, 152
– secondary, **69B**, *746
– treatment, **66A**, *228
– – osteotomy, **66A**, *144
– – – intertrochanteric, **66A**, *1
– – – – medial-displacement, **66A**, *878
– unusual presentation, **69B**, *480(*brief report*)

* Indicates full article or appreciable part

Osteoarthritis (*continued*):
of knee
- arthroscopic debridement, **68B**, 504
- meniscal pathology and, **65B**, *24
- stress fractures of tibia in, **69B**, *309
- stress radiography in, **67B**, 488; **68B**, *608
- total condylar knee prosthesis, **65A**, *619
- treatment
- - arthroplasty
- - - McKeever metallic hemiarthroplasty, **67A**, *203, *208
- - - survival, **68B**, *795
- - - total replacement, quantitative gait analysis after, **65A**, *605
- - tibial osteotomy, **65B**, 220, 517; **69A**, *332
- - - dome, **68B**, *782
- - - failed, results of total knee arthroplasty after, **69A**, *225
- - - high, **65A**, *36; **66A**, *1040
- - - proximal varus, **69A**, *32
- unicompartmental, treatment, McKeever metallic hemiarthroplasty, **67A**, *203, *208
of tibia, upper tibial osteotomy for, **67A**, *1136(*current concepts review*)
patellofemoral, **66B**, 605
properties of cartilage in, **67B**, 843
severe, arthroscopic surgery for, **68B**, 201
Osteoblastoma
of spine, **66B**, 277; **68A**, *354
- benign, **66B**, *21
- cervical, radical excision, **68B**, *325
- scoliosis associated with, behaviour pattern of, **66B**, *16
Osteoblasts
osteoclasts released from calcitonin-induced quiescence by, **65B**, 94
response to osteoarthritis of hip, **69B**, *746
Osteocalcin (BGP), as indicator of bone metabolism, **65B**, 93; **67B**, 159
Osteochondral allograft resurfacing, for tibial plateau fractures, **66A**, *328
Osteochondral allografts, immune response, experimental study, **69A**, *573
Osteochondral fractures, osteochondritis dissecans and, **65B**, 100
Osteochondral grafting, *see* Joint transplantation
Osteochondritis
dissecans, **69B**, *693
- familial multiple, report of a kindred, **67A**, *155
- of ankle, **69B**, *93
- of femoral condyles, **66A**, 1340; **67A**, 664(*correspondence*), 665(*correspondence*)
- of patella, **66**, 146; **69B**, *320
- osteochondral fractures and, **65B**, 100
- with osteochondral fragments, managed by compression screw fixation, **69B**, 162
juvenile traction, **67B**, *249
juvenilis, of hip, *see* Perthes' disease
of lunate bone, *see* Lunatomalacia
of spine, *see* Scheuermann's disease
of talus, arthroscopic treatment, **68A**, *862
Osteochondrodysplasia
pathogenic mechanisms in, **66A**, *817(*editorial*)
prevalence, **67B**, *133
Osteochondroma
bizarre parosteal, in hand, **67A**, *648
causing unilateral oedema of lower limb, **69B**, *339(*brief report*)
multiple hereditary, forearm deformities in, management of, **66A**, *670
spontaneous regression, **67A**, *971
unusual presentation of, **66A**, *299
Osteochondromatosis, synovial, *see* Chondromatosis, synovial
Osteochondrosis
see also Osteochondritis
spinal, *see* Scheuermann's disease
Osteoclasis
drill, in correction of malunited forearm fracture, **66B**, 302
manipulative, in correction of angular deformities of long bones, **67B**, 506
Osteoclastoma, **68A**, *235, 1464(*correspondence*); **69A**, *106
histologically benign, metastases from, **66A**, *269
in skeletally immature patients, **65A**, *486
malignant, **67B**, 328
of hand, presenting as expansile diaphysial lesion, **65A**, *692
of radius
- distal, treatment by resection and fibular autograft interpositional arthrodesis, **68A**, *687
- - recurrence after, **65B**, *618
of spine, surgical treatment, **65A**, *1283
radiographic grading, **69A**, *106
secondary malignant, **68A**, *1073
staging system of Enneking, **69A**, *106
thirty-year review, **68B**, 671
treatment, curettage without bone graft, **69B**, 492
virus-like filamentous intranuclear inclusions in, not associated with Paget's disease of bone, **67A**, *333; **68A**, 952(*correspondence*)
with pulmonary metastases, **67A**, *890
Osteoclasts, released by osteoblasts from calcitonin-induced quiescence, **65B**, 94
Osteocutaneous flap, in total thumb reconstruction, **67B**, 153
Osteocutaneous transfer, microvascular, using groin flap and iliac crest, **65B**, 96
Osteocytes
death of, electron microscopy after *in vitro* ischaemia, **68B**, *620
lipid accumulation in, steroid-induced, **67A**, *755
Osteodystrophy, seizures in, scapular fractures following, **65A**, *850
Osteogenesis, *see* Bone grafting; Bone growth; Bone repair; Epiphyseal cartilage; Fracture healing
Osteogenesis imperfecta
basilar impression in, **66B**, *233
closed intramedullary rodding for, **66B**, *652
costovertebral anomalies in, **67B**, 508, *602
hangman's fracture in, **66A**, *778
intramedullary rodding with Bailey–Dubow extensible rods, **66B**, *227
lethal perinatal, Type I procollagen defect in, **65B**, 100, 672
paraplegia in, **65B**, *184
pneumatic orthosis, **68B**, 668
with dominant inheritance and normal sclerae, **65B**, *35
Osteogenic sarcoma, *see* Osteosarcoma
Osteogenesis imperfecta, percutaneous intramedullary rod interchange in, **69B**, *429
Osteoid osteoma
in sixty-seven-year-old man, **69A**, *449
of atlas, **69B**, *149(*brief report*)
of rib, causing painful scoliosis, **69B**, 855
treatment, intraoperative tetracycline-fluorescence demonstration of nidus, **69A**, 310(*correspondence*)
Osteoid
mineral formation in, **65B**, 92
ultrastructural changes, in fibrogenesis imperfecta ossium, **67B**, 318
Osteoid osteoma, **67A**, 1307(*correspondence*); **67B**, 328
located with technetium scan, **68B**, *643
of foot, **65A**, *638
of phalanx, congenital, **67A**, *815, 1307(*correspondence*)
of rib, scoliosis secondary to, **65A**, *701
of spine, **66B**, *21, 277; **68A**, *354
- localisation using computerised tomography, **65A**, *263
- scoliosis associated with, behaviour pattern of, **66B**, *16
of tibia, **67A**, 1307(*correspondence*)
subperiosteal juxta-articular, **68B**, *320
treatment
- intraoperative tetracycline-fluorescence demonstration of nidus, **68A**, *747
- surgical, evaluation of sterilisable radiation probe, **65A**, *1019
Osteolysis
caused by mammary carcinoma, response to diphosphonates and prostaglandin inhibitors, **65B**, 222
Gorham's massive, **67B**, *90
idiopathic
- classification, **67B**, *89
- multicentric, with acro-osteolysis, **67B**, *86
- of pelvic girdle, **66B**, 148
in stable non-septic total hip replacement, **68A**, *912
massive, **68B**, *24
multicentric, **67B**, *86, *89
- with nephropathy, **67B**, *90
of distal part of clavicle in male athletes, **65A**, 421(*correspondence*)
of pubic bone, **66A**, *127, 1143(*correspondence*)
- post-traumatic, simulating malignant lesion, **66A**, *121, 975(*editorial*), 1143(*correspondence*)
Osteoma
giant metacarpal, **67A**, *487
osteoid, see *Osteoid osteoma*
Osteomalacia
see also Vitamin D
aluminium intoxication, associated with bilateral tibial and fibular fatigue fractures, **65A**, *843
and femoral neck fractures, **69B**, *388
hypophosphataemic
- Albright's syndrome and soft-tissue myxoma with, **65B**, *621
- secondary to neoplasia, **68A**, *129
- - adult-onset, **68A**, *134
nutritional, presenting with plantar fasciitis, **69B**, *38
screening for, in elderly patients with femoral neck fractures, **69B**, *765
vitamin D deficiency in patients with femoral neck fracture, **65B**, 90
Osteomesopyknosis, **67A**, *652
Osteomyelitis
see also Infections, postoperative
acute, **69B**, *779
- haematogenous
- - and septic arthritis, **68B**, *268
- - high-dose antibiotic treatment, **66B**, 145
- - in infancy and childhood, *see under* Osteomyelitis in infancy and childhood
anaerobic, **65A**, *30
antimicrobial therapy in children, **66A**, *1491(*current concepts review*)

Osteomyelitis, (*continued*):
chronic
– in childhood, **65B**, *120
– in pin tracks, **66A**, *1092
– non-haematogenous, treated with adjuvant hyperbaric oxygen, **68A**, *1210 ; **69A**, 1303(*correspondence*)
– recurrent multifocal, **66A**, *1110
– sclerosing, **66B**, *585
– treatment
– – cancellous homografts and fibrin adhesion, **69B**, *335
– – local muscle flaps, **67A**, *175
coccidioidal, in child's finger, **67A**, *330
diagnosis
– preoperative scintigraphy, **69A**, *1353
– technetium phosphate bone scan, in childhood, **65A**, *431
early-acute, treatment in childhood, **69B**, *845(*brief report*)
experimental
– canine model, **65A**, *371
– depot administration of antibiotics in prevention and treatment of sepsis, **65A**, *371
– evaluation of cefamandole and cephalothin in treatment of, **65A**, *507
– pharmacokinetics of penicillin in canine bone, **65A**, *526
– staphylococcal, effects of metaphyseal drill hole, **68B**, 333
haematogenous, acute, **67B**, 332
iliac, **65A**, 1051, 1056
in Gaucher's disease, **68A**, *1380
in infancy and childhood
– acute haematogenous, **65B**, *109(*review article*)
– – antibiotics, choice of, **65B**, 110
– – complications, **65B**, 117
– – incidence, **65B**, 110
– – prognosis, **65B**, 118
– chronic, **65B**, *120
– diagnosis, methylene diphosphonate bone scanning in, **65B**, 102
– host defences, **65B**, 520
late reactivation, **66B**, 782
neonatal, **66B**, 303
non-specific chronic, heterogeneity in childhood, **69B**, 163
of calcaneus, in newborn, growth disturbance of heel following, **68A**, *302
of foot, in diabetes, *Eikenella corrodens* causing, **69A**, *940
of pelvis, in children, **65A**, *230
of spine, pyogenic, **66B**, 299
of talus, primary subacute, **66B**, *101
pyogenic
– massive bone defects, management, **69B**, 683
– of occiput, atlas and axis, **69A**, *1069
sacral, **65A**, 1051, 1056
subacute
– in childhood, **67B**, *443
– – treatment' **68B**, 333
– increased incidence of, **69B**, *779
– treatment in childhood, **68B**, 333
treatment
– efficacy of free tissue transfer, **66A**, 181, 1494(*correspondence*)
– implantation of gentamicin beads, **66B**, 784
– intravenous antibiotic therapy, long-term versus short-term, **69B**, 506
vertebral
– fungal, with paralysis, **65A**, *19
– pyogenic, with paralysis, **65A**, *19
with vertebral infection, **69B**, *779
Osteonecrosis, *see* Bone necrosis
dysbaric, *see* Caisson disease
Osteopenia
alcohol consumption and, **66B**, 779
due to haemosiderosis, **68B**, 508
menopausal, **69A**, *212, 952(*correspondence*)
treatment by fluoride, vitamin D and calcium, **66B**, 288
Osteoporosis, **65A**, 274(*current concepts review*)
see also Osteolysis
association with physical inactivity, **69B**, *381
characteristics, **67A**, *586
coexistence with osteoarthritis, **67A**, *586
disuse, sciatic denervation, treatment, capacitively coupled electrical stimulation, experimental study, **67A**, *1022
following porous-coated hip replacement, **67B**, *218
in femoral neck fractures, **65B**, 365
in relation to femoral neck fracture, **68B**, 156
in the male, **65B**, 90
of hip
– idiopathic transient, **69B**, *769, 773(*brief report*)
– transient, **67A**, *490
– – in children, **66B**, 612
trabecular pattern of calcaneum as index of, **65B**, *195
treatment, fluoride therapy, radiographic features of spine in, **69B**, *190
Osteosarcoma
see also Sarcoma, *see also under parts involved*
Adriamycin binding by cells, assessment by flow cytometry, **67B**, 320

Osteosarcoma (*continued*):
arising in melorheostotic femur, **69A**, *1232
arising in relation to enchondroma, **68B**, *315
associated with bone infarction, **69A**, *300
at site of total hip replacement, **66B**, *632
causes of increased survival of patients with, **66A**, *306(*current concepts review*)
chemotherapy, pre-operative, **67B**, 329
following total hip replacement, **66B**, 625
late metastases from, **67A**, *147
localisation by antitumour monoclonal antibody, **65B**, *638
metastatic, and multiple lung resection, **68B**, *748
of distal part of femur in children, rotation plasty for, **65A**, 566(*correspondence*)
of spine, **68A**, *660
parosteal, **66B**, *313
– dedifferentiated, **66A**, *53, 967(*correspondence*)
– in long bones, surgical treatment, **67A**, *125
– meaning of radiolucencies, **67A**, *901
– medullary involvement, **69A**, *131
preoperative therapy, clinical utility, **68A**, *145(*current concepts review*)
retroperitoneal, simulated by extraforaminal disc herniating, **67A**, *1275
surgical management, **69B**, 492
treatment, **66B**, 785
– knee replacement, energy cost during gait after, **67A**, *606
– resection and knee replacement, energy cost during gait after, **67A**, *606
– results of, **66B**, 277
Osteosynthesis
see Bone grafting; Intramedullary nailing; Intramedullary rodding; Plating of fractures; Screws, bone; Staple and screw fixation
see Intramedullary nailing; Plating of fractures
Osteotomy
see also under specific bones
Chiari innominate, in adults, technique, indications and contraindications, **68B**, *45
clinical evolution, **66A**, *145
contaminated, plate fixation for, augmented by corticocancellous bone graft, **69B**, 496
experimental, effect of induced electrical currents on bone after, **67B**, *463
goals of, **66A**, *147
healing, under external fixation devices with different stiffness characteristics, **66A**, *1258
in treatment of osteoarthritis of hip, **66A**, *144
supracondylar, pseudoaneurysm secondary to protruding screw following, **66A**, *1126
telescoping, for pressure metatarsalgia, **66B**, *213
varus, for valgus deformity, **67A**, *1139(*current concepts review*)
Ottolenghi, Carlos E., **66A**, 1498(*obituary*)
Owen, Robert, appointed to Chair of Orthopaedic and Accident Surgery, University of Liverpool, **65B**, 676
Oxford club foot programme, **66B**, 142
Oxford external fixation frame, for tibial fractures, **67B**, 145
Oxford meniscal knee, **67B**, 848; **68B**, 336
radiolucent line beneath tibial components of, **66B**, *523
Oxford total knee replacement, **67B**, 331
Oxygen
hyperbaric
– adjuvant, in treatment of chronic non-haematogenous osteomyelitis, **68A**, *1210; **69A**, 1303(*correspondence*)
– in treatment of compartment syndromes associated with haemorrhagic hypotension, reduction of oedema and skeletal muscle necrosis, **68A**, *1218
– reduction of skeletal muscle necrosis in model compartment syndrome, **65A**, *656
transcutaneous measurement
– in normal and ischaemic skin, **65B**, 79
– in peripheral occlusive disease, **68B**, *423
Oxytetracycline, injection causing triceps contracture, **67B**, *94

P

Pachydermoperiostosis, **67B**, 150
Pacinian corpuscles, **68B**, 20
Paediatric patients
joint infections in, **66B**, 303
Paediatrics, **69B**, 677
Paget's disease of bone
and metastatic carcinoma, **68B**, *22
dynamic classification, **68B**, *431
long-bone fractures in, **66B**, 297
osteolytic, **68A**, *112
phases, **68B**, *431
sarcoma complicating, **65B**, *299
scintigraphy in classification of, **68B**, *431
total hip replacement in, **66A**, *752

Paget's disease of bone (*continued*):
treatment
- aminohexane diphosphonate, **68B**, 161
- disodium etidronate, **68B**, 431
- total hip arthroplasty, **69A**, *766
Pain
see also Sciatica; *and under parts of body involved*
after upper tibial wedge osteotomy, factors responsible for relief, **68B**, 670
back, *see* Back pain
congenital absence of, **65B**, *186
lumbar radicular, treatment with epidural steroids, **67A**, *63, 980 (*correspondence*), 981(*correspondence*), 982(*correspondence*); **68A**, 788 (*correspondence*), 789(*correspondence*)
musculoskeletal, non-orthopaedic approach, **67B**, 678
Pentothal test, **65B**, 100
postoperative
- epidural anaesthesia masking compartment syndrome, **68A**, *1447
- reduced by epidural morphine following lumbar laminectomy, **66A**, *113
psychological investigation, **65B**, 101
radicular, indicating staged salvage reconstruction in spondylolisthesis, **69A**, *191
sciatica-like, associated with Addison's disease, **66A**, *297
treatment, psychopharmacological agents, **67A**, *337(*current concepts review*)
unexplained, radioisotope bone scan for, **69B**, *448
Palacos R, volumetric changes during polymerisation, **65B**, 367
Palmar carpal subluxation, post-traumatic, **65A**, *998
Palsy
see also causative conditions and under structures involved
cerebral, *see* Cerebral palsy
postoperative, of ulnar nerve, **69A**, *255, 951(*correspondence*)
Papain, *see* Chymopapain
Papers, scientific, evaluation of impact of, **66B**, 144
Parachute injuries, prospective study in civilians, **69B**, *17
Paralysis
see also Paraparesis; Paraplegia; Tetraplegia; *and under* causative conditions and structures involved
cerebral spastic, with equinovarus deformity, treatment, split posterior tibial-tendon transfers in children, **67A**, *186
conversion
- post-traumatic, **66B**, 779
- rehabilitation of, **67B**, *635
in acute injuries of upper thoracic spine, **67A**, *360
isolated, of serratus anterior, **65B**, *532
obturator nerve, due to intrapelvic extrusion of cement during total hip replacement, **67A**, *1225
of trapezius, treatment, **67A**, *871; **68A**, 951(*correspondence*)
tourniquet, **65B**, 374(*editorial*); **65B**, *441
Paraparesis
anterior spinal cord decompression in, **66B**, 455
treatment, controlled trials, **67B**, *103
Paraplegia
see also under Spinal cord
assistance with walking, **69B**, *173(*annotation*)
complicating corticosteroid therapy, **66A**, *783
delayed, complicating sublaminar segmental spinal instrumentation, **68A**, *556
due to aspergillosis, **67B**, *800
energy cost of locomotion, **67A**, *1245
following chymopapain injection, **66A**, *1131; **67A**, 504(*correspondence*)
following operative treatment of spinal deformities, **65A**, 52
functional electrical stimulation for walking, **69A**, *728
impingement syndrome, **69A**, *676
in osteogenesis imperfecta, **65B**, *184
in spina bifida cystica, factors affecting ambulatory status of patients, **65A**, *350
Pott's
- in tuberculosis of lower cervical spine, **66B**, 1
- primary aspergillosis of spine mimicking, **66A**, *1481
pressure sores, management by muscle belly pedicle graft and split skin graft, **67B**, 507
transfer activities, weight-bearing shoulder, **69A**, *676
traumatic, indicating anterior decompression, **67B**, 151
tuberculous, **66B**, 456
walking orthosis, **66B**, 285
Paratenon, and lengthening of tendo calcaneus, **67B**, 508
Parathyroid glands, *see also* Hyperparathyroidism
Parathyroid hormone, cytochemical bone-bioassay of, **65B**, 94
Parker, Arthur Orfeur, **65B**, 511(*obituary*)
Parkinson's disease, total knee replacement in, **67B**, *424
Parosteal osteosarcoma, **66B**, *313
dedifferentiated, **66A**, *53, 967(*correspondence*)
medullary involvement, **69A**, *131
Partridge bands, bone erosion beneath, **68B**, *476
PAS, in treatment of tuberculosis of spine, **67B**, *103
Passive movement machines, **66B**, 453
Patella
see also Sesamoid bones
arthroplasty, resection, **69B**, *604
autogenous, as replacement for resected femoral or tibial condyle, **67B**, *557
chondromalacia of, *see* Chondromalacia patellae
clicks, in diagnosis of knee disease, **69B**, *288
dislocation
- acute, **66B**, *344
-- in softball players, **68A**, *780
- congenital, proximal quadriceps tendon transfer operation, **67B**, 847
- following total knee replacement, **67A**, *1321
- habitual, proximal quadriceps tendon transfer operation, **67B**, 847
- quadriceps tendon rupture following, **67A**, *324
- recurrent, **66B**, *344, 452
-- aetiology, **69B**, *790
-- Elmslie–Trillat patellar tendon transfer for, **66B**, 610
-- evidence of primary muscle pathology, **69B**, *790
-- histochemical and electrophysiological changes in vastus lateralis, **69B**, 496
-- treatment
--- modified Roux-Goldthwait procedure, **67A**, *993
--- patellar release/repositioning operation, **67B**, 155 **67A**, *993
distal, avulsion in cerebral palsy, causing deteriorating gait, **67B**, *252, 846(*discussion*)
dorsal defect, **66A**, *116
duplication in coronal plane, **69B**, *602
dynamic infrapatellar reconstruction, **65B**, 670
fractures
- diagnosed by bone scan, **69B**, *448
- following patellar implant in Attenborough knee replacement, **68B**, *100
- investigation, oblique radiography, **69A**, *568
- surgical treatment, results, **67B**, *416
- treatment, open reduction and external compressive skeletal fixation, **69A**, *83
hypoplastic, diagnosis and clinical significance, **66B**, 305
iatrogenic malalignment, following Roux-Goldthwait procedure, corrected by dynamic intraoperative realignment, **68A**, *1096
instability, **66B**, 604
- in juvenile amputees, **69B**, 506
- radiographic assessment, **68B**, *297
- treatment, lateral release, **66B**, *344
junction with vastus lateralis tendon, anatomy, **69A**, *545
lateral release, indications for, **68B**, 337
medial plica, knee pain associated with, **65B**, 670
muscular gliding, anterior knee pain and, **68B**, 841
osteochondral defects of, replacement by glutaraldehyde-treated bovine meniscal fibrocartilage, experimental study, **68B**, 842
osteochondritis dissecans, **66B**, 146; **69B**, *320
osteotomy, for anterior knee pain, **67B**, 156
peripatellar pain, and anatomy of vastus lateralis muscles, **69A**, *545
proximal pole, fragmentation, **67B**, *249
resurfacing, **65B**, *448; **66B**, 147
subluxation
- lateral, **67B**, 847
- recurrent, **66B**, *344
-- computerised tomography in evaluation of, **69B**, 504
-- Elmslie–Trillat patellar tendon transfer for, **66B**, 610
Patellar ligament
in anterior cruciate ligament reconstruction, **66B**, 788
rupture, after use of its central third for anterior cruciate reconstruction, **66A**, *1294
tendinitis, as initial presentation of hyperparathyroidism, **68A**, *288
Patellar tendon
allograft, in replacement of anterior cruciate ligament, experimental study, **68A**, *376
Elmslie–Trillat transfer, **66B**, 610
free graft, in anterior cruciate ligament reconstruction, **68B**, *453
Patellectomy
Boutonnière-type knee deformity following, **66A**, *137
effects of
- on cadaver knees, **67A**, *726
- on function of hamstrings, **65A**, *390
- on function of quadriceps, **65A**, *390
failed, tibial tubercle advancement for, **67B**, 156
in treatment of patellar fractures, **67B**, *416
Patellofemoral joint
after high tibial osteotomy, **68B**, 504
arthralgia, thermographic diagnosis in athletes, **68B**, *42
arthroscopic lateral release, **68B**, 337
assessment of tracking, **68B**, 337
compartment osteoarthritis of knee, high tibial osteotomy, comparison of methods, **68B**, 504
contact pressures, influence of Q-angle and tendofemoral contact, **66A**, *715

* Indicates full article or appreciable part

Patellofemoral joint (*continued*):
crepitus
– in diagnosis of knee disease, **69B**, *288
– physiological, **68B**, 496
forces acting on, **67B**, *255
instability, in Down's syndrome, **68A**, *405
malfunction following Attenborough total knee replacement, **66B**, 147
mechanical abnormalities, causing adolescent knee pain, **66B**, *685
osteoarthritis, **66B**, 605
pain in, **66B**, 610, 660
– in adolescents, mechanical factors in incidence, **66B**, 279
– modified patellar realignment procedure for, **68B**, 504
– treatment, combined rotation and elevation of tibial tubercle, **68A**, *419
radiographic assessment, **67B**, 155
Pavlik harness
for congenital hip dislocation, **65B**, 517; **69B**, *257
– and neonatal hip instability, **65B**, 517
mechanism of reduction and usage, **65A**, *760
medial knee instability complicating treatment, **65A**, *678
Pectoralis major
transfer
– in paralysis of elbow flexion, **67B**, *640
– in treatment of winged scapula, **67B**, 327; **69B**, *108
transfer for paralysis of elbow flexion, **68B**, 156
Pedersen, Herbert E., **68A**, 1129(*obituary*)
Pedobarography, in evaluation of hallux rigidus, **68B**, 843
Pelvic girdle, *see under* Pelvis
Pelvis
see also Acetabulum; Innominate bone; Sacro-iliac joint; Sacrum
bone cement in, complicating total hip replacement, **66B**, *41
Chiari osteotomy, **68B**, 502
fibrous dysplasia, chondrosarcoma in, **66B**, *760
fractures
– computerised tomography in evaluation of, **66A**, *34
– enteric fistula complicating, **65A**, *854
– in children, **68B**, 332
– in multiply injured patient, **68B**, 849
– ring, unstable, treated by open reduction and internal fixation, **69B**, 501
ilium, *see* Ilium
injuries, intrapelvic protrusion of screw from sliding screw-plate, **65A**, *697
intrapelvic migration of threaded pin, causing vascular injury, **67A**, *804
kinematics, **66B**, 611
oblique, in moulded baby syndrome, **66B**, 491
osteolysis, idiopathic, surgical repair, **66B**, 148
osteomyelitis, in children, **65A**, *230
osteotomy, **66A**, *149
– Chiari's, *see* Chiari's osteotomy of pelvis
– for acetabular dysplasia in children, **67A**, *842
– for hip paralysis in poliomyelitis, **68B**, *528
– triple, **66B**, 609
reconstruction, in treatment of peri-acetabular chondrosarcoma, **67B**, *413
tall, in subjects with low back pain, **65B**, *153
tumours
– Ewing's sarcoma, **65A**, *738
– – function after partial pelvic resection, **69B**, *271
– malignant cartilage-cell, avoidability of hindquarter amputation, **68B**, 671
– resection, **67B**, 328
vascularised autograft from, in knee reconstruction, **68B**, 502
Penicillin
in treatment of childhood skeletal infections, **66A**, *1488(*current concepts review*)
pharmacokinetics in osteomyelitic canine bone, **65A**, *526
Pentazocine, injections, causing myofibrosis and joint contractures, **65A**, *1007
Pentothal test for organic pain, **65B**, 100
Percutaneous orthopaedic surgery, **66B**, 778
Periosteal chondroma, **65A**, *205
causing shortening of humerus, **67B**, *290
Periosteum
division, in management of short leg in childhood, **66B**, 276
influence on vertebral growth, **67B**, 844
Periostitis
of proximal phalanx, florid reactive, **67A**, *968
tibial, *see* Tibia, medial tibial syndrome
Peripharangeal inflammation, non-traumatic subluxation of atlanto-axial joint following, *see* Grisel's syndrome
Peripheral nerves, *see* Nerves, peripheral
Peripheral occlusive disease, transcutaneous oxygen measurement, **68B**, *423
Peroneal island flap, for skin defects in lower limb, **67A**, *935
Peroneal nerve
common, neurolysis in leprosy, **67B**, *426
functional electrical stimulation, for hemiplegia, **67A**, *792
Peroneal nerve (*continued*):
in rats, effects of high-peak pulsed EMF on degeneration/regeneration, **65B**, *478
superficial, entrapment neuropathy of, **67B**, *58, *60, *62
Peroneal tendons
dislocation
– congenital, in calcaneovalgus foot, **65B**, *316
– post-traumatic, recurrent, treatment, **66B**, *98
– recurrent, repair operation, **67B**, *585
reconstruction of peroneal retinaculum
– using peroneus brevis tendon, **69A**, *298
– using peroneus quartus, **69A**, *296
Peroneus brevis tendon, longitudinal rupture, **69B**, *340(*brief report*)
Perthes' disease
and transient synovitis of hip, **69B**, *238
arthrography in, **65A**, *900
Catterall classification, assessment of reliability, **68B**, *614
epiphysial cartilage in, histochemical and ultrastructural observations of, **65A**, *797
femoral anteversion in, measurement by ultrasound, **68B**, 496
femoral head involvement, two-group classification, **66A**, *479
hinge abduction of hip in, **68B**, *61
influence of joint posture on intra-articular pressure, **69B**, *71
in South India, **69B**, 499
innominate osteotomy in, **67B**, *399
irritable hip and, **67B**, 508
long-term follow-up, **66A**, *860
magnetic resonance imaging, **69B**, 683
management, conservative versus operative, **67B**, 147
metaphyseal changes in, **65B**, 367
mimicked by tricho-rhino-phalangeal syndrome, **68B**, *311
natural history, influence of femoral osteotomy, **68B**, 154
nuclear magnetic resonance studies, **66A**, *1357; **67B**, 333
pain sequelae of, **65A**, *13
pathogenesis, **66A**, *961(*current concepts review*)
– transient vascular occlusion, **69B**, *530
pathology, **66A**, *961(*current concepts review*)
physeal involvement, **66A**, *870
prognosis, **66A**, *962(*current concepts review*)
results at maturity in, **65B**, 101
sagging rope sign in, **65B**, *285
subchondral fracture, prognostic significance of, **66A**, *479
subluxation of femoral head, **69A**, *1312
transient synovitis and, **68B**, *808
treatment, **66A**, *963(*current concepts review*)
– in older children, **65B**, *419
– osteotomy
– – Chiari, **69B**, 682
– – femoral, **68B**, 502
– – incomplete intertrochanteric, **67A**, *213
– – innominate, **65B**, 102; **67B**, 332
– – – compared with varus osteotomy, **67B**, 332
– – varus derotation, residual shortening after, **66B**, *184
– surgical, present status of, **66A**, *961(*current concepts review*); **67A**, 1141(*correspondence*)
unilateral, long-term prognosis, **69B**, *243
Pes cavus, rigid, Akron dome osteotomy, **67B**, 334
Phalanges
amputation, for metastatic lesions, **68A**, *743
basilar osteotomy, in correction of hallux valgus, **69A**, *64, 950(*correspondence*)
delta, *see* Delta phalanx
fractures
– classification, **66B**, 159
– operative treatment, **69A**, *892
– reduction, **66B**, 160
osteoid-osteoma, congenital, **67A**, *815, 1307(*correspondence*)
proximal
– dorsal wedge osteotomy for hallux rigidus, **69B**, *835
– periostitis, florid reactive, **67A**, *968
symphalangism, Fuhrmann type, with tarsal and carpal coalition, **67A**, *884
tumours
– Ewing's sarcoma, **69A**, *931
– metastatic lesions, **68A**, *743
Pharyngovertebral vein, anatomical rationale for Grisel's syndrome, **66A**, *568
Phenolisation, segmental, for ingrown toenails, **65B**, 519
Phenothiazines, in treatment of pain, **67A**, **67A**, *337(*current concepts review*)
Phlebography, *see* Venography
Phosphonates, *see* Diphosphonates
Phosphorus-31 NMR spectroscopy, *see under* Nuclear magnetic resonance
Photography, stereo-photogrammetry in monitoring of ulcer healing, **68B**, 839
Photon absorptiometry, bone mineral measurement by, in proximal femur, **65B**, 660
Photon absorption densitometry, in assessment of fracture healing, **69B**, 495

* Indicates full article or appreciable part

Photoplethysmography, in study of shaft fractures of leg, **69B**, *775
Physeal arrest, *see under* Epiphyseal cartilage
Physeal chondrocytes, in vitro, characterisation, **69B**, 166
Physeal stapling, **69A**, *1102(*current concepts review*)
Physeal stimulation, **69A**, *1104(*current concepts review*)
Physis
see also Epiphyseal cartilage
as interface between basic research and clinical knowledge, **66A**, *815
Physolysis, for congenital malformations, **66B**, 778
Pick-up test, in assessment of sensation, **68B**, 16
Pigmented villonodular synovitis, *see* Villonodular synovitis, pigmented
Pilon fracture of tibia, **66B**, 295
Pinning, dynamic, in treatment of Colles' fractures, **66B**, 148
Pins, bone, double divergent, in fixation of displaced subcapital femoral fractures, **69B**, 490
Pins, bone, *see* Bone pins
Pituitary gland, absence in congenital sacral agenesis, **65B**, *182
Pivot shift sign, electrogoniometric examination of, **65B**, 659
Pivot shift test, grading system, **69B**, *294
Plagiocephaly
and hip abduction, **67B**, 150
epidemiology, **69B**, 851
in moulded baby syndrome, **66B**, 491
Plantar fasciitis, nutritional osteomalacia presenting, **69B**, *38
Plantar fasciotomy, double, in treatment of mobile cavus foot, **66B**, 457
Plantar fibromatosis
clinical aspects, **69B**, 679
pathology, **69B**, 679
Plantar ganglion cyst, computed tomography in diagnosis of, **65A**, *1348
Plantar keratoses, painful, distal metatarsal osteotomy for, **68B**, 844
Plantar ligaments, in congenital club foot, **66B**, 450
Plantar pressures, in growing children, **65B**, 366
Plantar ulcers
aetiology, treatment and prevention, **68B**, 844
in leprosy, treatment by posterior tibial neurovascular decompression, **67B**, 497
Plantaris
rupture: does it exist?, **65A**, 422(*correspondence*), 1030(*correspondence*)
tendon, in reconstruction of lateral ligaments of ankle, **67A**, *930
Plaquenil, influence on incidence of pulmonary embolism after low-friction arthroplasty, **67B**, 153
Plasma proteins, acute-phase response, as aid to diagnosis of infection in joint replacements, **69B**, 157
Plaster casts
hinged, for fractured femur, **67B**, *750
in scoliosis, management, **67B**, *178
incidence of infection, comparison with external fixation device, **66B**, 459
setting temperatures of, **65A**, 279 (*correspondence*)
total contact, in treatment of neuropathic ulceration, **69B**, 159
use with tourniquets, study of cutaneous and intracompartmental limb pressures, **68B**, 497
Plastics
see also Acrylics; Polyester; Polyethylene; Silicones
carbon fibre reinforced, implants for forearm fracture fixation, **65B**, 364
Plating of fractures
antiglide plate for distal fibular fixation, **69A**, *596
augmented by corticocancellous bone graft, **69B**, 496
carbon fibre reinforced epoxy resin plates, tissue response, **67B**, *656
of femur, AO methods, **67B**, 504
of humerus, results in patients with multiple injuries, **67B**, *293
of radius, closed Galeazzi fractures, **67A**, *1015
of tibia, treatment of failures, **68A**, *1231
Platt, Sir Harry
– 100th birthday tribute, **68B**, *689
– elected Honorary Patron of Indian Orthopaedic Association, **67B**, 337
Plethysmography, impedance, in detection of deep-vein thrombosis, **69B**, *264
Plica syndrome, **66B**, 305
Pneumatic-compression boot, malfunction causing compartment syndrome, **68A**, *1445
Pneumatic tourniquets, *see* Tourniquets, pneumatic
Pneumatocele, meniscal, **67A**, *1117
Poliomyelitis
foot deformities after, dorsal bunions, **65A**, *975
in Egyptian mummies, **66B**, 773
in India, **67B**, 840
paralytic hip stability, **68B**, *528
Polyarthritis
juvenile, scoliosis in, **68B**, 159
Neer total shoulder replacement in, **69B**, *723
Polydactyly, pre-axial, five-fingered hand with tibial absence, **65B**, 60
Polyester fibre
in reconstruction of anterior cruciate ligament, **68B**, 841
in reconstruction of tendons and ligaments, postoperative strength variations, **67B**, 159
neotendons induced by implantation of, **66B**, *131
strength of tendon replacements, **67B**, *829
Polyethylene
in joint replacement, future of, **66B**, 447
prosthesis components
– design factors, **65B**, 367
– effect of conformity, thickness, and material on stresses in, **68A**, *1041
wear particles, bone resorption in presence of, **69B**, 165
Polyglycolic acid, *see* Dexon
Polymerisation, volumetric changes during, **65B**, 367
Polymethylmethacrylate, *see* Methylmethacrylate
Polynesians, chondrolysis in slipped upper femoral epiphysis, **68B**, 676
Polyneuropathy, with agenesis of corpus callosum, orthopaedic deformities in, **66B**, 302
Polyostotic fibrous dysplasia, with aneurysmal bone cyst, **68B**, *144
Polysaccharide, polysulphated, effect on articular cartilage proteoglycans, **69B**, 165
Popliteal artery
damaged, in closed injuries of knee, **67B**, *420
entrapped, by fracture of proximal end of tibia and fibula, **68A**, *941, 1305(*erratum*)
injury complicating arethroscopic surgery, **69A**, *783
pseudoaneurysm of, **65A**, *695
Popliteus tendon, injuries, and knee stability, **69A**, *233
Portsmouth external fixator, in knee arthrodesis, **66B**, 362
Post-traumatic dystrophy of limbs, **65A**, *642
Posterior interosseous nerve, paralysis caused by tumour, **69B**, *670(*brief report*)
Posterior longitudinal ligament, ossification, causing compression of cervical cord in non-orientals, **69B**, *569
Posterior tibial tendon, *see* Tibialis posterior tendon
Postoperative infection, *see* Infection, postoperative
Postoperative pain, in lumbar laminectomy, reduction by epidural morphine, **66A**, *113
Posture, effect on lumbar spine, **67B**, *625
Potassium pyroantimonate, in histochemical localisation of calcium in fracture callus, **68A**, *703
Pott's paraplegia
see also Tuberculosis of spine
in tuberculosis of lower cervical spine, **66B**, 1
primary aspergillosis of spine mimicking, **66A**, *1481
Powers, John Alfred, **68A**, 315(*obituary*)
Pregnancy, and idiopathic scoliosis, **69A**, *90
Prepatellar bursa, fistula between knee and, complicating arthroscopy, **66A**, *624
Pressure sores
bioengineering study, **67B**, 1
following operative treatment of spinal deformities, **65A**, 51
in elderly patients, **67B**, *1(*editorial*)
– epidemiology related to hip operations, **67B**, *10
pathogenesis of, **67B**, 1
prevention in patients with femoral neck fractures, **69B**, 157
Pretoria ceramic hip prosthesis, **67B**, 502
Pretoria-86 total knee arthroplasty, **69B**, 680
Procollagen, *see* Collagen
Pronator syndrome, associated with persisent median artery, **69A**, *303
Prophylactic antibiotics, in amputation of lower extremity for ischaemia, **67A**, *800; **68A**, 950(*correspondence*)
Prostaglandins
in connection with meniscal lesions, meniscectomy and osteoarthritis, **67B**, 159
inhibition
– and rate of recovery after arthroscopic meniscectomy, **67B**, *567
– of postmeniscectomy synovial reaction, **66B**, *193
inhibitors, effect on osteolysis caused by mammary carcinoma, **65B**, 222
release from bone and muscle tissue after tibial fracture, **67B**, 317
Prostheses
see also Acrylics; Arthroplasty, replacement; Carbon fibre; Implants; Polyester; *and under parts replaced*
electrically-powered
– for adult with upper limb amputation, **67B**, *278
– in upper limb deficient child, **67B**, 333
forged vitallium, fracture failure of, **65A**, 711 (*correspondence*)
infected endoprosthesis, **66B**, *645(*review article*)
myoelectric, **67A**, *654(*current concepts review*)
– training methods, **67B**, *273
polyethylene, design factors, **65B**, 367
porous-coated
– evidence of bone ingrowth into, **66A**, *619
– excessive metal release due to loosening and fretting of sintered particles, **68A**, *606
segmental, titanium fibre-metal, effect of load alteration on performance, **68A**, *118
Thompson, cemented and uncemented, **65B**, 218
titanium-alloy, radiographic analysis, **67A**, *48
Protease activity, in growth-plate tissue cultures, **69A**, *76
Protein(s)
messengers, in pathogenesis of arthritis, **67B**, 680
synthesis, study by stable isotope techniques, **68B**, 498

* Indicates full article or appreciable part

Proteoglycanase, neutral, elaboration by growth-plate tissue cultures, **69A**, *76
Proteoglycans
see also Glycosaminoglycans
abnormalities, in pseudo-achondroplasia, **66A**, *823
chondrosarcoma, structure of, **65A**, *958
effect of spinal fusion on, experimental study, **68B**, 334
from semilunar menisci, isolation and characterisation, **68A**, *55
in articular cartilage of knee, **66A**, *96, *101, 103
in intervertebral discs, synthesis rates, **67B**, 843
localisation in meniscus of knee joint, **65B**, 100
of articular cartilage, effects of polysulphated polysaccharide on, **69B**, 165
of intervertebral disc
– effect of scoliosis on, **65A**, *815
– in infants, electron microscopic and biochemical studies, **67A**, *284
synthesis, in chondrocytes *in vitro*, effects of cell density, **68B**, 495
ultrastructural modifications coincident with mineralisation in rat growth plate, **67A**, *455
Protrusio acetabuli
bone grafing in, **66B**, 787
– during total hip replacement, **69B**, *229
resolution following replacement with Ring's prosthesis, **66B**, *635
Ring uncemented polyethylene cup in, **69B**, *756
stress analysis of acetabular reconstruction in, **65A**, *495
Pseudarthrosis
see also Fracture non-union
congenital, of tibia, electrical stimulation, **67B**, *454
congenital band causing, **65A**, *410
following hip-replacement, **66B**, 649
following operative treatment of spinal deformities, **65A**, 52
following posterior spinal fusion for scoliosis, diagnosis, comparison of methods, **67A**, *1153
of olecranon, bilateral congenital, **69B**, *460
Pseudoachondroplasia
biochemical and histochemical studies of cartilage, **66A**, *1408
proteoglycan abnormalities in, **66A**, *823
Pseudoaneurysm
popliteal, **65A**, *695
secondary to protruding screw, following supracondylar osteotomy, **66A**, *1126
Pseudoclaudication, in spondylolisthesis, indicating staged salvage recon struction, **69A**, *191
Pseudogout, cervical myelopathy in, **66A**, *1301
Pseudomonas infection, of bone and joints, in drug abusers, **65A**, *829
Psoas muscle, abscess mimicking septic hip, **67A**, *1281
Psychological investigation, of low back pain, **65A**, *560(*current concepts review*), 1356(*correspondence*); **65B**, 101
Psychopharmacological drugs, in treatment of pain, **67A**, *337(*current concepts review*)
Pubic bone
osteolysis, **66A**, *127, 1143(*correspondence*)
– post-traumatic, simulating malignant lesion, **66A**, *121, 975(*editorial*), 1143(*correspondence*)
Pulmonary, *see also* Lung
Pulmonary embolism
following tourniquet inflation, **67A**, *633, 1143(*correspondence*)
in total hip replacement
– aspirin and low-dose warfarin, **65A**, 567(*correspondence*)
– detection using serial $C^{15}O_2$ pulmonary scans, **66A**, *1388
microemboli during arthroplasty, using cemented or non-cemented components, **69A**, *822
Pulmonary metastases, from giant-cell tumour of bone, **67A**, *890
Pulsed electromagnetic field, high-peak, effects on degeneration and regeneration of peroneal nerve in rats, **65B**, *478
Pulvertaft, Robert Guy, **69B**, 145(*obituary*) *460
Purpura fulminans, orthopaedic implications of, **66A**, *764
Pyknodysostosis, pathogenic mechanisms in, **66A**, *832
Pylon, for early ambulation after below-knee amputation, **67B**, 335
Pyrophosphate arthropathy, tibial stress fractures in, **65B**, *472

Q

Quadriceps femoris
biomechanics, **66A**, *725
contracture
– habitual dislocation of patella and, **66B**, 452
– injection-induced, comparison of proximal release and distal quadricepsplasty, **67B**, *97, 490(*discussion*)
effect of patellectomy on function of, **65A**, *390
excursion, study in cadaver knees, **67A**, *726
reconstruction, in treatment of anterior cruciate deficiency, **69B**, 161
short, in irreducible congenital knee dislocation, **69B**, *403
tendinitis, as initial presentation of hyperparathyroidism, **68A**, *288
tendon
– bilateral simultaneous spontaneous rupture, **66B**, *81
– rupture, following dislocation of patella, **67A**, *324
Quadriceps femoris (*continued*):
wasting, study by stable isotope techniques, **68B**, 498
Quadriplegia, *see* Tetraplegia
Queen's University, Belfast, appointment of R.A.B. Mollan to Chair of Orthopaedic surgery, **65B**, 521
Queensland, University of, appointment of J.M. Sikorski to Foundation Chair in Orthopaedic Surgery, **67B**, 337

R

Radial nerve
laceration, as late complication of screw fixation of humeral fracture, **66A**, *959
paralysis in Hansen's disease, **66B**, *260
Radiation exposure
during closed interlocking intramedullary nailing, **69A**, *761
during radiography for scoliosis, **65A**, *5, 1206 (*correspondence*)
in fluoroscopic guidance techniques, **65A**, *1
Radiation probe, sterilisable, evaluation in surgical treatment of osteoid-osteoma, **65A**, *1019
Radiation synovectomy, radioactive particle leakage from synovial joint, **65A**, *381
Radiculography
in diagnosis of lumbar lateral canal stenosis, **68B**, 670
water-soluble, in prediction of level of bony entrapment of lumbosacral nerve roots, **67B**, 499
Radiculopathy, cervical, due to athetoid cerebral palsy, **69A**, *815
Radio-immunoassay, solid phase, for 1,25-dihydroxy-cholecalciferol, **65B**, 91
Radio-ulnar joint
proximal, dislocation, with dislocation of elbow, **66B**, *254
synostosis, treatment, by excision and free fat transplant, **65B**, *433
translocation, **66B**, *254
Radioactive labelled microspheres, in demonstration of bone blood flow, **69B**, 494
Radioactive leakage, from synovial joint, gamma camera study of, **65A**, *381
Radiocarpal joint, dislocation, isolated volar, **66A**, *464
Radiocolloids, for joint protection in haemophilia, **66B**, 457
Radiography
see also Arthrography; Cineradiography; Discography; Myelography; Radiology; Tomography; Venography; Video-fluoroscopy
biplane measurements of reversible displacement and migration of total joint replacements, **65A**, *1134
demonstration of shoulder instability, apical oblique projection, **66A**, *1450
densitometry, potential errors in, **69A**, *58
for scoliosis, radiation exposure during, **65A**, *5, 1206 (*correspondence*)
grid radiograph, **68A**, *1052
iliac apophysis abnormalities, in adolescent athletes, **65A**, *444, 1207(*correspondence*)
in analysis of axial alignment of lower extremity, **69A**, *745
in analysis of hip mechanics, **66A**, *145
in analysis of low-modulus titanium-alloy femoral total hip component, **67A**, *48
in assessment of chondromalacia patellae, **68B**, *297
in assessment of failed total hip replacement, **66A**, *540
in assessment of patellar instability, **68B**, *297
in diagnosis of congenital dislocation of hip, **67B**, 487
in diagnosis of incongruity of distal radio-ulnar joint, **67A**, *247
in epidemiological study of low-back pain, **66A**, *1048
in evaluation of exostoses, **66A**, *1454
in evaluation of spiral fractures of tibia, **67A**, *1388; **68A**, 790(*correspondence*), 791(*correspondence*)
in gonarthrosis, revaluation of standing anterposterior radiograph, **69B**, 504
in idiopathic scoliosis, **66B**, *509
in investigation of patellofemoral pain, **67B**, 155
in investigation of scapulothoracic dissociation, **66A**, *758
in parosteal osteosarcoma, meaning of radiolucencies, **67A**, *901
in study of bearing movement in unicompartmental Oxford knee replacements, **69B**, *598
in study of mechanical loosening of total hip prosthesis, **68B**, *770
microprobe analysis, in investigation of hydroxyapatite deposition in articular cartilage, **68A**, *509
of knee, trauma oblique, **69A**, *568
of rheumatoid elbow, correlation with clinical findings, **67B**, 154
of shoulder, projection of glenohumeral joint, **69B**, *338(*brief report*)
quantitative densitometric analysis, potential errors, **69A**, *58
radiolucent line beneath tibial components of Oxford meniscal knee, **66B**, *523
serial, reliability of comparisons, **69A**, *58
shift comparison, **66B**, *529
stress, in degenerative arthritis of knee, **67B**, 488
trauma oblique, **69A**, *568

Radioisotope scanning
gallium, *see* Gallium scanning
gamma scintigraphy, of bone tumours using radiolabelled anti-osteosarcoma monoclonal antibody, **67B**, 320
immunoscintigraphy, localisation of osteosarcoma by, **65B**, *638
in assessment of fibrous dysplasia of bone, **68B**, 161
in classification of Paget's disease, **68B**, *431
in determining bone involvement by soft-tissue sarcomas, comparison with computed tomography, **66A**, *1400
in diagnosis of musculoskeletal sepsis, comparison of indium-labelled-leucocyte imaging with sequential technetium-gallium scanning, **67A**, *465
in evaluation of exostoses, **66A**, *1454
in symptomatic spondylolysis, **69B**, *453
indium scanning, *see* Indium scanning
intra-operative, improved technique, **68B**, *643
of bone
- clinical value for soft-tissue sarcomas of extremities, **66A**, *319
- evaluation of graft viability, **65A**, 279 (*correspondence*)
- for hip fracture in osteoarthritis, **69B**, *848(*brief report*)
- for suspected hip fractures, **69B**, *251
- for unexplained foot pain, **69B**, *448
- in assessment of injured foot, **69B**, 159
- in osteomyelitis, diagnosis in childhood, **65A**, *431; **65B**, 102
- in prediction of post-traumatic avascular necrosis of femoral head, **65A**, *786
- in prediction of tibial fracture healing, **69B**, *441
- in reflex sympathetic dystrophy, **69B**, 495
- study of bridging bone defects by demineralised bone powder, **69A**, *984
methylene diphosphonate, in diagnosis of childhood osteomyelitis, **65B**, 102
of infected endoprosthesis, **66B**, 647
of prosthetic joints, indium-labelled autologous granulocytes in detection of sepsis, **68B**, *647
prediction of fracture non-union by, **67B**, 146
sulphur-colloid, in assessment of femoral head vascularity, **67B**, 329
technetium, *see* Technetium scanning
Radio-ulnar joint
inferior
- disruption, in children, **69B**, *730
- irreducible dislocation, **69B**, 152
Radioisotope studies
blood clearance in tendons using ^{85}Sr, **66B**, *441
blood flow in tendons using ^{57}Co-labelled microspheres, **66B**, *441
Radiology
see also Radiography
analysis of English–Macnab porous-coated shoulder prosthesis, **67B**, 326
for bone tumours, diagnosis and management, **67B**, *520(*review article*)
for results of innominate osteotomy in Perthes' disease, **67B**, *399
in assessment of anterior cruciate ligament, **66B**, 610
in assessment of fibrous dysplasia of bone, **68B**, 161
in diagnosis of spinal brucellosis, **67B**, *347
radiation risk, **68B**, *517(*annotation*)
Radiolucent line
in conservative hip arthroplasty, **66A**, *525
in Perthes' disease, **66A**, *479
in total joint replacement, **67B**, 675
Radio-ulnar convergence, causing ulnar impingement syndrome, **67B**, *126
Radio-ulnar joint,
distal
- diagnosis of incongruity, radiography and computerised tomography in, **67A**, *247
- hypersupination, **67B**, *302
- Swanson implant arthroplasty, **67B**, 329
synostosis, congenital proximal, **67A**, *539
Radiotherapy
in osteoclastoma, **69A**, *106
in prevention of heterotopic ossification after total hip arthroplasty, **68A**, *1423
Radius
see also Forearm
absent, associated with thrombocytopenia and knee dysplasia, **66A**, *421, 1494(*correspondence*)
angular deformities, production and correction by epiphysial distraction, experimental study, **66B**, *598
anomalous distal end of, causing carpal tunnel syndrome, **65A**, 135(*correspondence*)
Colles' fracture, minimally displaced, impending rupture of extensor pollicis longus after, **65A**, *401
distal, allograft replacement, **69B**, 166
fractures
- *see also* Forearm fractures
- angulation of radius in children, **68B**, *751
- deformity after premature closure, **69A**, *1450
- Galeazzi, closed, results of compression-plating, **67A**, *1015
Radius
fractures (*continued*):
- of distal end of
-- bipolar fixation, **68B**, 666
-- comminuted intra-articular, dynamic external fixation, **69A**, *248, 1110(*correspondence*)
-- compartment syndrome of forearm associated with, **68A**, *1451
-- intra-articular, **68A**, *647; **69A**, 791(*correspondence*)
-- results in relation to radiological parameters, **68B**, 666
-- treatment, external fixators, **66B**, 777
-- unstable, treatment by external fixation, **67B**, *385
- of head of
-- in adults, **66B**, 141
-- Mason type-II and -III, treatment, **68A**, *669, *675
-- treatment
--- delayed excision, **68A**, *669
---- for isolated closed fracture, **68A**, *675
--- early aspiration, **66B**, 141
--- mobilisation, **66B**, 141
--- resection, **69A**, *385
-- vitallium prosthesis, **68B**, 665
- of neck of, in children, prognostic factors, **67B**, 491
- post-traumatic arthritis, **68A**, *651
- torus, with physeal compression injury, deformity after premature closure, **69A**, *1450
head of
- dislocation, **68B**, *378
-- Monteggia fracture dislocation in children, **65A**, *1276; **68A**, *615
-- posterior, developmental, **65B**, *64
-- treatment, osteotomy of ulna, **69B**, *639
- excision
-- after fracture, delayed, **68A**, *669, *675
-- in rheumatoid arthritis, **66B**, *109
-- long-term effects, **66B**, *109
- fractures, *see* Radius, fractures of head of
refracture after plate removal, **66A**, *1241
synostosis with ulna, congenital proximal, **67A**, *539
tumours
- giant-cell
-- recurrent, after excision of distal radius and fibular autograft replacement, **65B**, *618
-- treatment by resection and fibular autograft interpositional arthrodesis, **68A**, *687
Railway accidents, *see* Accidents, train
Raji cell assay, **65B**, *574
Randomised clinical trials, **67A**, 1151(*editorial*)
as obligation or option, **67A**, *1284; **68A**, 1465(*correspondence*), 632(*correspondence*)
Raney jacket, effect on segmental mobility of lumbosacral spine, **65A**, *943
Rang, Mercer, awarded Professorship to the Third World, **69B**, 858
Raster stereophotography, in measurement of shape of surface of back in scoliosis, **69A**, *203
Raynaud's syndrome, orthopaedic complications, **69A**, *1093
Reamer, power, nitrogen injection from, complicating nailing of femur, **65A**, *860
Reciprocating Gait Orthosis, **69B**, *173(*annotation*)
Recklinghausen, von, disease of bone, *see* Hyperparathyroidism
Redler, Irving, **66A**, 1497(*obituary*)
References, in articles for the *Journal*, **69B**, 689(*editorial*)
Reflex sympathetic dystrophy, **69B**, *804
see also Algodystrophy
affecting knee, **69B**, *797
bone scan in, **69B**, 495
treatment of, **66A**, *625(*current concepts review*), 1493(*correspondence*)
Reiter's syndrome
Chlamydia infection as cause of arthritis in, **68A**, *777, 1466(*correspondence*)
massive synovial hypertrophy in, **65A**, *555
Remodelling, post-traumatic, effect of metal plates on, **65B**, *66
Renal, *see also* Kidney
Renal dialysis, *see* Haemodialysis
Renal failure
acute, post-anaesthetic myoglobinuria with, **65A**, *413
chronic, in children, management of rachitic deformities, **68B**, *791
Renal unit, bone and joint infection in, **68B**, *489
Replantation
of amputated parts, thirteen-year experience, **68B**, 678
of parts of upper limb, salvage, **67A**, *878
Research, orthopaedic, *see under* Orthopaedics
Reserpine, effects of intravenous injection, **65A**, *808
Residency selection process, orthopaedic, **68A**, 1135(*editorial*), *1292; **68B**, 335
Retrocalcaneal bursitis, results of operation, **68B**, *467
Retrofascial abscesses, **65A**, *1041
sources of, **65A**, 1046
Retroperitoneal abscesses, **65A**, *1041
Reynolds, Fred, C., **69A**, 313(*obituary*)

* Indicates full article or appreciable part

Rheumatic fever, chronic arthritis following, involving feet, **66A**, *1124
Rheumatoid arthritis
arthroplasty of ipsilateral shoulder and elbow, **69A**, *661
cartilage degradation in, biochemical factors, **66B**, 461
cervical myelopathy complicating, **67A**, *593; **67B**, 498
chondrolysis mediated by non-invasive tissues, **68B**, 840
foot in, hindfoot stabilisation, **65B**, 519
hallux valgus in, arthrodesis of first metatarsophalangeal joint, **66A**, *687
hip fractures in, **65B**, 518
in flat foot, posterior tibial tendon rupture and, **69B**, 493
involvement of thoracic and lumbar spine, **67B**, 505
juvenile
– *see also* Arthritis, juvenile chronic
– changes in cervical spine, **68A**, *189
– of hip, **68B**, 674
– – patterns of deformity, **68B**, 851
– – total hip arthroplasty for, **68A**, *502
– treatment
– – synovectomy, late results, **67A**, *8, 824(*correspondence*)
– – total knee arthroplasty, **65A**, *1071
of cervical spine
– subluxation, neurological problems, **69B**, 164
– treatment, surgical stabilisation, **69B**, *8
of elbow
– functional study compared with clinical findings, **67B**, 154
– management, interpositional arthroplasty, **69B**, 488
– Stanmore total elbow prosthesis, **66B**, *732
– treatment
– – arthroplasty
– – – trochlear stirrup, **67B**, 676
– – – with ipsilateral arthroplasty of shoulder, **69A**, *661
– – excision of radial head, long-term effects, **66B**, *109
– – Souter–Strathclyde arthroplasty, **67B**, 154
– – synovectomy, **67A**, *16
– Wadsworth surface replacement prosthesis, **66B**, *737
of foot, **67B**, 503
– deformities, **68B**, 505
– management, **69B**, 679
of hand, treatment, silicone-rubber implant arthroplasty of metacarpophalangeal joints, **68A**, *206
of hip, replacement of both hips and both knees, **67B**, *261
of knee
– replacement of both knees and both hips, **67B**, *261
– surgical management, **68B**, 336
– treatment
– – arthroplasty
– – – compartmental, complications, loosening of porous coating, **68A**, *538; **69A**, 153(*correspondence*)
– – – survival, **68B**, *795
– – synovectomy, **68A**, *198
– – – using intra-articular injection of dysprosium-165-ferric hydroxide microaggregates, **69A**, *970
– valgus, supracondylar osteotomy, **67B**, 158
of radio-ulnar joint, treatment, excision of distal ulna, **69B**, *203
of shoulder
– arthroplasty, Silastic interposition, **68B**, *375
– Neer total shoulder replacement, **69B**, *723
– treatment, arthroplasty, with ipsilateral arthroplasty of elbow, **69A**, *661
of thoracic and lumbar spine, **68B**, *362
palmar displacement of distal end of ulna in, **68A**, *1280
pathology, cervical cord compression due to extradural granulation tissue, **66B**, *426
posterior atlanto-axial subluxation in, **67A**, *593
total ankle replacement in, **66A**, *340
treatment
– arthroscopic surgery for synovectomy, **68B**, 201
– methylmethacrylate stabilisation of cervical spine, **66A**, *45
– total hip arthroplasty, **68A**, *502
with vertebral osteomyelitis, **65A**, 19
Rhizotomy, intraspinal, in spina bifida, **68A**, *88
Rib(s)
cervical, thoracic outlet syndrome following correction of scoliosis in patient with, **65A**, *1172
costectomy, *see* Costectomy
costovertebral anomalies in osteogenesis imperfecta, **67B**, 508, *602
first, stress fractures, **67A**, *159; **68A**, 475(*correspondence*)
hump
– dynamics, scoliometer in evaluation of, **69B**, 851
– in adolescent idiopathic scoliosis, **69B**, *179
– surgical treatment, **69B**, *709
osteoid osteoma, scoliosis secondary to, **65A**, *701
– painful, **69B**, 855
perichondrial grafts, for repair of full-thickness articular-cartilage defects, **67A**, *911
resection in correction of convex deformity in scoliosis, **65A**, *920
vascularised grafts for stabilisation of kyphosis, **68B**, *357
Richard's screw-plate
comparison with Jewett nail-plate, **65B**, *262
in treatment of femoral neck fractures, **66B**, 295
in treatment of sub-trochanteric fracture of femur, **67B**, 325
Rickets
causing lower limb deformity, surgical correction, **69B**, 682
strontium-induced, epiphysial cartilage in, stereological studies, **66A**, *1274
Rifampicin, in control of staphylococcal infection in rabbit hip arthroplasties, **69B**, 165
Ring constrictions, *see* Annular constriction bands, congenital
Ring total hip replacement, **68B**, 669
in resolution of protrusio acetabuli, **66B**, *635
revision, **68B**, 669
– results, **69B**, *374
stemmed acetabular component design, **67B**, 331
Ringer solution, for irrigation in arthroscopy, **65A**, *629
Riseborough, Edward J., **68A**, 153(*obituary*)
Road accidents, *see* Accidents, traffic
Robert Jones bandage, **68B**, *776
Robinson anterior cervical discectomy, **66B**, 298
Rockers, shoe, biomechanics of, **68B**, 844
Rodding, intramedullary, *see* Intramedullary rodding
Roehampton brace, for Colles' fractures, **67B**, 493
Roentgen stereophotogrammetric analysis, in study of mechanical loosening of total hip prosthesis, **68B**, *770
Roger Anderson external fixator, *see* Anderson, Roger, external fixator
Rosai–Dorfman disease, presenting as spinal tumour, **67A**, *1427
Rotation-plasty
for childhood osteosarcoma of distal part of femur, **65A**, 566(*correspondence*)
of Van Nes, *see* Van Nes rotation-plasty
Rotator cuffs, *see under* Shoulder
Roux–Goldthwait operation
for realignment of patella, overcorrection, dynamic intraoperative realignment, **68A**, *1096
modified, for recurrent dislocation of patella, **67A**, *993
Ruffini endings, **68B**, 20
Rugby football, injuries, *see under* Injuries, athletic
Rush rodding, of humerus, in patients with multiple trauma, **68A**, *960
Russe grafting, for non-union of scaphoid, **66B**, 276

S

S-100 protein, in human cartilage lesions, **68A**, *521
Sacral agenesis, congenital, absence of pituitary gland in, **65B**, *182
Sacral chordoma, excision, posterior approach, **69B**, *565
Sacral nerves, compression complicating screw-fixation of sacro-iliac joint, **68A**, *769
Sacro-coccygeal chordoma, **68B**, 849
Sacro-iliac joint
arthrodesis, for post-traumatic sacro-iliac arthritis, **67A**, *157
aspiration, **65A**, 1056
disruption, **66B**, 611
injuries, in children, **67B**, 333
pain in, **66B**, 611
pyogenic infection, **67B**, *605; **68B**, 676
screw-fixation, compression of sacral nerve complicating, **68A**, *769
skin incision for operations on, **66B**, 146
Sacrococcygeal chordoma, *see* Sacral chordoma
Sacrum
configuration in dysplastic spondylolisthesis, **67B**, 335
fracture, transverse, anteriorly displaced, at level of sacro-iliac joint, **65A**, *407
fracture-dislocation, bilateral, **66A**, *1297; **68A**, *1099
fractures, stress, **69B**, *843(*brief report*)
Sagging rope sign, **65B**, *285
St Georg modular knee prosthesis, **68B**, *787
Salford Swivel Walker, **69B**, *173(*annotation*)
Salter innominate osteotomy, in treatment of congenital dislocation of hip, **68A**, *79
Salter–Harris Type-IV injuries, of distal tibial epiphyseal growth plate, **65A**, *1059
Sampling methods, statistical, **66A**, *1309
Saphenous vein, leiomyosarcoma, **69A**, *282
Sarcoidosis, in long bones of child, **65A**, *1010
Sarcoma
see also specific terms and under tissues and structures involved; see also *Osteosarcoma*
at site of joint replacement, **66B**, *625(*editorial*)
at site of single hip screw, **69B**, *470
bone, *see* Osteosarcoma
complicating Paget's disease of bone, **65B**, *299
osteogenic, late metastases from, **67A**, *147
preoperative therapy, clinical utility, **68A**, *1458(*current concepts review*)

Sarcoma (*continued*):
soft-tissue
- comparative value of bone scintigraphy and computed tomography in determination of bone-involvement, **66A**, 1400
- staging, scintigraphy with gallium-67 citrate, **69A**, *886
treatment, primary myectomy, **68A**, *586
Scalpel contamination, **65B**, *210
Scanning, bone, *see* Radioisotope scanning; Gallium scanning; Indium scanning; Technetium scanning
Scaphoid bone (carpal)
avascular necrosis, silicone implant, **66B**, 776
dislocation, isolated complete radial, **65A**, 871 (*correspondence*)
fractures, **66B**, *403
- delayed union, treatment, screw fixation, **66B**, *124
- internal fixation, **66B**, 403
- non-union, **66B**, 404
-- in eight-year-old child, **65A**, *1188
-- natural history, **66A**, *504; **67A**, *428
-- prospective study of direct current stimulation, **67B**, 493
-- results of Russe grafting, **66B**, 276
-- screw-fixation, **66B**, *124
-- treatment
--- excision of fragment and insertion of spacer, **66A**, *510; **67A**, 345(*correspondence*)
--- failure, **65A**, *985; **66A**, 1145(*correspondence*)
-- wedge grafting for, **66B**, 277
-- with double-threaded bone screw, **66B**, *114
- role of bone scans in prognosis, **65B**, 667
- prospective study, **65B**, 97
- treatment, Herbert differential pitch bone screw, **69B**, *124, *631
- with lunate dislocation, **66B**, *391
idiopathic avascular necrosis of, **65B**, *333
isolated synchondrosis with trapezium, **67A**, *318
prosthetic replacement, **66B**, 404
silicone arthroplasty, complications, **67A**, *422
subluxation, rotatory, treatment, limited triscaphoid intercarpal arthrodesis, **68A**, *345
Scapula
acromion, *see* Acromion; Acromioclavicular joint
congenital undescended, treatment, Woodward procedure, **65B**, *598; **66B**, 302
coracoid process
- transfer, for recurrent instability of shoulder, **65A**, *926; **67A**, *383
fractures
- following seizures in patients with osteodystrophy, **65A**, *850
- non-union, after shoulder dislocation, **67B**, *722
- operative treatment, **66B**, *725
role in chronic impingement syndrome, **67B**, *703
traumatic lateral displacement, radiographic sign of neurovascular disruption, **66A**, *758
winging of
- dynamic, **66B**, 140
- pectoralis major transfer for, **67B**, 327
- static, **66B**, 140
- treatment by pectoralis major transfer, **69B**, *108
Scapulothoracic dislocation, radiographic and pathological evidence for, **66A**, *758
Scheuermann's disease, **66B**, 785; **67B**, 148
acute spinal cord compression in, **65B**, 98
as reverse of idiopathic scoliosis, **66B**, 8
in aetiology of lumbar disc prolapse, **66B**, 611
lateral spinal curvatures in, **67B**, *189
lumbar disc disorder and, **65B**, 669
lumbar, incidence in Australian male population, **69B**, 166
surgical management of, **65B**, 97
treatment
- Milwaukee-brace, **69A**, *50
- surgical, **68B**, *189
Schneider Cobra-head plate, in arthrodesis of hip, **67B**, 502
Schwannoma, *see* Neurilemmoma
Sciatic nerve
perifibrosis of, causing sciatica, **68B**, *706(*brief report*)
regeneration, effect of muscle basement membrane, **68B**, *829
Sciatic syndrome, due to cauda equina tumours, **67B**, *358
Sciatica
see also Back pain; Intervertebral disc lesions; Lumbosacral nerve roots; *see also under causative* conditions
"bony", electromyography, **67B**, 499
due to avulsion fracture of ischial tuberosity, **69A**, *143
due to intraspinal synovial cyst, **67A**, *865
due to perifibrosis of sciatic nerve, **68B**, *706(*brief report*)
from sciatic neurilemoma, **68A**, *1456
investigation of, failure of ultrasound in, **65B**, *144
outpatient approach to investigation and treatment, **66B**, 297
treatment
- after failed laminectomy, **66B**, 605
- chymopapain, **69B**, 510
Sciatica-like pain, associated with Addison's disease, **66A**, *297
Scientific papers, evaluation of impact of, **66B**, 144
Scintigraphy
see also Radioisotope scanning
for tibial-shaft fractures, prognostic value, **65B**, 223
localisation of osteosarcoma by immuno-scintigraphy, **65B**, *638
preoperative, in diagnosis of infection, **69A**, *1353
Scintimetry
see also Radioisotope scanning; Scintigraphy
after femoral neck fracture, **66B**, *49
Scleroderma, focal, affecting hand, **67A**, *637
Scoliometer, in evaluation of hump dynamics, **69B**, 851
Scoliosis
see also Lordoscoliosis; Kyphoscoliosis
anterior fusion in, Zielke technique, **66B**, 284
associated with neurofibromatosis, **67B**, 500
associated with osteoid osteoma of spine, behaviour pattern, **66B**, *16
cerebral palsy, modern management, **68B**, 335
congenital
- in monozygotic twins, **68B**, *194
- occult intraspinal anomalies in, **66A**, *588, 1319(*correspondence*)
- posterior spinal arthrodesis, **66A**, *1188
- progressive, treatment, unilateral growth arrest, **67B**, 148
correction, choice of implants, **69B**, 852
diagnosis, early, based on school screening, **67A**, *1202
due to section of dorsal spinal nerve roots, **66B**, *27
effect on proteoglycans of intervertebral disc, **65A**, *815
experimental
- in rabbit, **68B**, 682
- pathology, **68B**, 841
fusion, results using segmental wires and distraction rods, **68B**, 853
hemivertebra causing, **68B**, *588
idiopathic, **67B**, 148
- adolescent, **67B**, *185
-- active auto-correction, **68B**, 682
-- brace compliance in, **69B**, 852
-- bracing, short-term results, **68B**, 681
-- height and width of vertebral bodies in, **68B**, *724
-- management, Boston brace, biomechanical effectiveness, **69B**, 852
-- measurement of shape of surface of back, **69A**, *203
-- multiple-level distraction instrumentation for, **68B**, 670
-- perinatal and environmental influence, **68B**, 334
-- rib deformity in, **69B**, *179
-- rib hump in, **68B**, 159
-- segmental wiring techniques, neurological problems, **68B**, 680
-- serum glycosaminoglycans in, and school screening for spinal deformity, **65B**, 675
-- stature
--- and its components, **67B**, *594
--- of girls, **66B**, 289
-- thoracic, **69B**, *13
-- treatment
--- Harrington instrumentation, **69B**, 853
---- compared with Luque instrumentation, **69B**, 853
---- lung function after, **69B**, 853
--- Harrington-rod distraction and fusion, **68A**, *1326
- adult, treatment, anterior and posterior spinal fusion, **69A**, *843
- and pregnancy, **69A**, *90
- bi-planar spinal asymmetry, **66B**, 143
- biplanar concept, **67B**, 173
- cast management, **67B**, *178
- Cobb angle and oblique stack, **69B**, 852
- costectomy as first stage of surgery, **68B**, *91
- curve progression in, **65A**, *447
- diaphragmatic balance as cause of progression, **69B**, 852
- early-onset, **67B**, *179
- electrical surface stimulation for, **68B**, 681
- epidemiological, clinical and experimental study, **66B**, 143
- ethnic distribution, **67B**, *182
- experimental, **65B**, 657
- in adults, results of surgical treatment, **69A**, *667
- in three dimensions, radiographic and morphometric analysis, **66B**, *509
- increased standing height, **67B**, *185
- infantile, **67B**, *179
-- early posterior spinal fusion, effect of adolescent growth spurt on, **65B**, *247
-- epidemiology, **69B**, 851
-- prevention of, **65B**, *612
-- rib hump in, **68B**, 679
- juvenile, **69B**, 851
- late-onset, **67B**, *176
- Leeds epidemiological survey, **68B**, 497
- Leeds management philosophy, **68B**, 670
- multiple curve, saggital profile in, **69B**, 854
- myelography, **66B**, 790

* Indicates full article or appreciable part

Scoliosis
idiopathic (*continued*):
– natural history, **66B**, 789; **67B**, *177, *179; **68B**, 682
– – conservative treatment and, **68B**, 682
– neurological changes, **66B**, 790
– pathogenesis, **67B**, 173
– – biplanar spinal asymmetry, **66B**, *8
– pelvic tilt, **67B**, *185
– prevalence, in an Asian population, **67B**, *182
– progressive, combined median and coronal plane asymmetry, **65B**, 368
– respiratory failure in, animal model, **69B**, 855
– segmental *v.* Harrington instrumentation, **66B**, 299
– standardised trunk asymmetry scores in, **66B**, 289
– stature and, **67B**, *185, *594
– thoracic
– – late-onset, surgical treatment, **69B**, *709
– – selection of fusion levels, **65A**, *1302
– treatment
– – bracing, **67B**, *177
– – conservative, **67B**, *176(*review article*); **68B**, 682;
– – electrospinal stimulation, **67B**, *179
– – need for, **67B**, *176
– – part-time bracing, **68A**, *738
– – physiological, **67B**, 160
– – spinal fusion, **68B**, 680
– – – antidiuretic hormone secretion following, **68A**, *720
– – – pulmonary function test before and after, **68B**, 855
– – sublaminar wiring, **69B**, 853
– – surgical, results, **69A**, *667
– – Wilmington brace, **68A**, *602
– untreated, prediction of curve progression during growth, **66A**, *1061
– vector stereography in, **66B**, 289
– vibratory response in, **68B**, *714
– with kyphosis, **67B**, *189
in Duchenne muscular dystrophy, **65B**, 221
– correction, **69B**, 164
– nonoperative management, **65B**, 669
in Friedreich's ataxia, natural history, **68A**, *564; **68B**, 855
incidence, in congenital heart disease, **68B**, 681
in juvenile chronic arthritis, **69B**, *175
in juvenile polyarthritis, **68B**, 159
international programmes, **67B**, 486
intramedullary spinal cord tumours presenting as, **66B**, *513
lung function assessment in children, **67B**, *699
magnetic resonance imaging in, **69B**, 854
measurement and appraisal, Integrated Shape Imaging System (ISIS), **69B**, 851
measurement of shape of surface of back, **69A**, *203
moiré topography, accuracy of, **67B**, *211
neuromuscular, segmental instrumentation of spine, Unit Rod in, **68B**, 853
painful
– in osteoid osteoma and osteoblastoma of spine, **66B**, 21
– secondary to osteoid osteoma of rib, **69B**, 855
paralytic
– spinal segmental instrumentation for, **66B**, 299
– treatment, spinal fusion, allograft bone in, **68A**, *370
presentation, **69B**, 851
progressive
– as first presenting sign of syringomyelia, **65B**, *472
– treatment
– – fusion of convexity, **67B**, *193
– – growth arrest, **67B**, *193
rotational lordosis, **67B**, 173
scoliosis curves, **65B**, 456
screening
– epidemiology, **69B**, 855
– in schools, **66B**, 612, 790; **67B**, 486; **69B**, 851
– – advantages and disadvantages, **67B**, 486
– – early diagnosis, **67A**, *1202
– – evaluation, **68B**, 855
– – Manitoba programme, **68B**, 855
– objective criterion, **66A**, *1381
– MRC programme, **69B**, 851
– needs study, **69B**, 167
secondary to osteoid osteoma of rib, **65A**, *701
spinal growth in, **69B**, *690(*annotation*)
structural, experimental progressive, **69B**, *576
surgical correction, somatosensory evoked potentials, **67B**, 334
thoracolumbar, due to myelomeningocele, anterior and posterior instrumentation and fusion, **69B**, *20
treatment
– anterior and posterior instrumentation and fusion, **69B**, *20
– anterior thoracoabdominal surgical approach, splenic injury complicating, **65A**, *396

Scoliosis
treatment (*continued*):
– arthrodesis
– – effect of adolescent growth spurt, **65B**, *247
– – posterior
– – – induced hypotension to control bleeding, **65B**, *255
– – – pseudarthrosis following, diagnosis, **67A**, *1153
– bracing, **67B**, *173(*editorial*)
– correction of convex deformity, rib resection and spinal fusion in, **65A**, *920
– Dwyer instrumentation, *see* Dwyer instrumentation of spine
– electrical stimulation, **69B**, 507
– electrophysiological monitoring during, **65B**, *134
– excision of lower lumbar hemivertebrae, **69B**, 854
– Harrington instrumentation, *see* Harrington instrumentation of spine
– Luque segmental spinal instrumentation, **66B**, 284
– preliminary costectomy in posterior corrective surgery, **67B**, 491
– radiography, radiation exposure during, **65A**, *5, 1206 (*correspondence*)
– rib resection, **65A**, *920
– segmental instrumentation with sublaminar wires, **69A**, *851
– simultaneous Harrington and Dwyer instrumentation and posterior fibula graft, **68B**, 508
– spinal fusion, **65A**, *920
– – allograft bone in, **68A**, *370
– subcutaneous Harrington rod, **69B**, 164
– surgery
– – effectiveness in myelomeningocele, **69B**, 164
– – epidural responses from posterior tibial nerves during, **69B**, 854
– – intra-operative awakening to monitor spinal cord function, **66B**, *716
– – patient preferences, **67A**, *794
– thoracic outlet syndrome following, in patient with cervical ribs, **65A**, *1172
– Zielke operation, **69B**, 853
– – correction of double curve pattern after, **69B**, 854
Screening, versus routine diagnostic process, **67B**, 486
Screw fixation, titanium, in treatment of recurrent dislocation of shoulder, **65B**, 674
Screw-plates
see also Plating of fractures; Screws, bone
Richard's, in treatment of sub-trochanteric fracture of femur, **67B**, 325
sliding, disengagement and intrapelvic protrusion of screw from, **65A**, *697; **66A**, 472(*correspondence*)
Screws, bone
see also Plating of fractures; Screw plates
causing complications about glenohumeral joint, **66A**, *175
compression screw fixation for displaced subcapital fracture of femur, **68B**, *78, 490
double-threaded, in management of fractured scaphoid, **66B**, *114
Dynamic Hip Screw compared with Jewett nail-plate, **68B**, 157
for scaphoid fractures, Herbert differential pitch screw, **69B**, *631
Garden screw fixation, subtrochanteric fracture after, **68B**, 161
in fixation of carpal scaphoid, **66B**, *124
protruding, pseudoaneurysm secondary to, following supracondylar osteotomy, **66A**, *1126
radial-nerve laceration as late complication of fixation of humeral fracture, **66A**, *959
sarcoma at site of single hip screw, **69B**, *470
sliding hip screw, in treatment of intertrochanteric fractures, **68B**, 506
titanium, for recurrent shoulder dislocation, **65B**, 674
Seat belt injuries, *see under* Accidents, traffic
Sedative drugs, in treatment of pain, **67A**, *340(*current concepts review*)
Segond fractures, of lateral tibial condyle, **69B**, *613(*brief report*)
Seizures, in osteodystrophy, scapular fractures following, **65A**, *850
Semilunar cartilages, *see* Menisci
Semitendinosus tendon, in anterior cruciate ligament reconstruction, **68A**, *160, 952(*correspondence*), 953(*erratum*)
Sensation, **68B**, *15
abnormal, **68B**, 17
assessment of, **68B**, 14
Sensibility testing
in carpal tunnel syndrome, **66A**, *60
in peripheral nerve compression syndromes, **65A**, *632
of lower limb, in patients with herniated lumbar intervertebral discs, **67A**, *1219
Sensorineural loss, causing asymmetrical spinal muscle weakness, **66B**, 27
Sensory receptors, cutaneous, **68B**, *19
Sensory re-education, **68B**, 16
Sepsis
see also under Infections
clinical, role of bacterial adherence to biomaterials and tissue, **67A**, *264
depot administration of antibiotics in prevention and treatment of, **65A**, *371
irrigation for, **69B**, 494
total joint replacement and, **65A**, *128(*current concepts review*)
Septic arthritis
see also under Arthritis
antimicrobial therapy in children, **66A**, *1491(*current concepts review*)

Serratus anterior, isolated paralysis of, **65B**, 532 (*editorial*), *552
Sesamoid bones
see also Patella
changes in position after surgery for hallux rigidus and valgus, **69B**, 158
fabella, incidence in osteoarthrosis of knee, **66A**, *1379
locking thumb at interphalangeal joint, **66A**, *1300
Sheehan total knee arthroplasty, **65B**, 367; **69B**, 680
long-term results, **69B**, 488
Shelf operation
in management of congenital hip dislocation, **69B**, 498
in management of congenital hip dysplasia, **69B**, 491
Shin splints, *see* Tibia, medial tibial syndrome
Shock, in patient with multiple trauma, **68A**, *946(*current concepts review*)
Shoe rockers, biomechanics of, **68B**, 844
Shoes, ready-made extra-depth, **68B**, 845
Shoulder
see also Acromioclavicular joint; Brachial plexus; Clavicle; Humerus; Scapula
anterior capsular redundancy, origin of, **67B**, *363
arthrodesis, **66B**, 304
- after excision of upper humerus, implant designed by CT scanning and solid modelling, **68B**, *208
- in management of brachial plexus palsy, **67B**, 336
arthrography, after operative repair of torn rotator cuff, **68B**, *147
arthroplasty
- in locked posterior dislocation, **69A**, *9
- Silastic interposition, **68B**, *375
- total replacement, **68B**, 848; **69A**, *865
- - complications, **69A**, *865
- - English-Macnab porous-coated prosthesis, radiological analysis, **67B**, 326
- - modular cementless ceramic and titanium prosthesis, **69B**, 165
- - Neer prosthesis, **66A**, *899; **69B**, 683
- - - after resection of proximal humerus, **69B**, 503
- with ipsilateral arthroplasty of elbow, in rheumatoid arthritis, **69A**, *661
arthroscopy, diagnostic, **69B**, 166
arthrotomography, **66B**, 303
axillary radiography, **69A**, *9
dislocation
- *see also* Shoulder instability; Shoulder subluxation
- anterior
- - in teen-agers and young adults, **69A**, *393
- - recurrent
- - - after shoulder repair, **66A**, *159
- - - associated with large Hill-Sachs lesion, rotational humeral osteotomy for, **66A**, *1443
- - - Bristow operation for, **65B**, 101; **67B**, 327
- - - - modified procedure, **67A**, *383
- - - - neurovascular complications, **66A**, *951
- - - in teen-agers and young adults, **69A**, *393
- arthropathy in, **65A**, *456
- complications
- - neurological, **67B**, 496
- - non-union of fractured coracoid process, **67B**, 722
- diagnosis, missed, **69A**, *9
- in elderly, **68B**, 676
- posterior
- - bilateral four-part fractures with, **65B**, *176
- - locked, **69A**, *9
- - missed, **69B**, 152
- - recurrent
- - - glenoid osteotomy, **66B**, 140; **67B**, 496
- - - treatment, bone block, **67A**, *777
- recurrent, **65A**, *343
- - anterior capsular redundancy, origin of, **67B**, *363
- - anterior, Magnuson-Stack operation, **69B**, *111
- - Bankart procedure, **66B**, 140
- - comparison of Eden-Hybinette reconstruction and Weber's rotation osteotomy, **66B**, 448
- - complications, **69A**, *904
- - - injury to musculocutaneous nerve, **66B**, 449
- - modified Bristow-Helfet-May procedure, **69A**, *904
- - posterior, treatment, bone block, **67A**, *777
- - treatment
- - - coracoid transfer, **65A**, *926
- - - glenoid osteotomy, **66B**, 140
- - - Magnuson-Stack procedure, **65B**, 518
- - - surgical, problems, **67B**, 327
- - - titanium staple and screw fixation, **65B**, 674
effect of crutch-walking gait, **66B**, 303
fracture-dislocations, percutaneous surgery, **66B**, 778
frozen, manipulation, technique and efficacy, **67B**, 495
function
- clarification of role of supraspinatus, **68A**, *398
- clinical assessment, **68B**, 667
fusion, *see* Shoulder arthrodesis
Shoulder (*continued*):
glenoid, *see* Glenoid
hemiarthroplasty, in locked posterior dislocation, **69A**, *9
impingement syndrome
- anterior acromioplasty for, **67B**, 327
- chronic
- - role of acromioclavicular joint, **67B**, 161
- - role of coracoid process, **67B**, *703
- diagnosis, by subacromial bursography, **68B**, 675
- in paraplegics, **69A**, *676
instability
- *see also* Shoulder dislocation; Shoulder subluxation
- anterior, recurrent, coracoid transfer for, **67A**, *383
- anterior reconstruction for, failure, **69B**, 502
- clinical assessment, **66B**, *551
- drawer tests, anterior and posterior, **66B**, *551
- in teen-agers and young adults, **69A**, *393
- multidirectional, **67B**, *709
- posterior, **67B**, *709
- - due to excessive retroversion of glenoid cavity, **68A**, *724, 1128 (*erratum*); **69A**, 632(*correspondence*)
- recurrent posterior, **66A**, *169
- role of atmospheric pressure in stabilising, **67B**, *719
- treatment, anterior reconstruction, failed, **67B**, *709
muscles
- measurement of power, **67B**, 161
- strength following surgical repair of full-thickness rotator-cuff tears, **68A**, *266
operations on, intra-articular penetration of screw, computed tomographic documentation, **67A**, *1120
pain
- anterior, due to rotator cuff injuries, **66B**, 613
- due to brachial neuritis, **67A**, *878
- in highly competitive swimmers, **66B**, 304
- subacromial bursoscopic findings, **67B**, 495
postoperative rehabilitation, **69B**, 683
radiography, projection of glenohumeral joint, **69B**, *338(*brief report*)
rotator cuffs
- abnormal tendons, effect on Neer total shoulder arthroplasty, **69B**, *723
- disease of, **67A**, *974(*current concepts review*)
- physiology, **67A**, *974(*current concepts review*)
- tears, **66B**, 613
- - anterior shoulder pain, **66B**, 613
- - arthrography, **68A**, *1143; **68B**, *147
- - - following surgical repair, **65B**, 219
- - arthropathy, **65A**, *1232; **66A**, 807(*correspondence*)
- - - acromial stress fractures associated with, **68A**, *937
- - associated with os acromiale, **66A**, *427, 1320(*correspondence*)
- - demonstration using ultrasound, **69B**, 498
- - full-thickness
- - - conservative management, **68B**, 162
- - - patient selection and expectation, **66B**, 303
- - - surgery, **68B**, 848
- - - surgery for, **67A**, *1349
- - isokinetic strength after repair, **69A**, *1041
- - major, results of surgical repair, **65B**, 518; **67B**, *618
- - nonoperative treatment, **67A**, 975(*current concepts review*)
- - operative treatment, **65B**, *171; **67A**, *976(*current concepts review*)
- - prior to total shoulder arthroplasty, **69A**, *865
- - surgical repair, **67A**, *1349; **68A**, 634(*correspondence*); **68B**, 848
- - - factors influencing reconstruction, **68A**, *1136
- - - in athletes, **68A**, *887
- - - second attempt, **66A**, *563
- - - shoulder-muscle strength and range of motion following, **68A**, *266
- ultrasonic evaluation, **68A**, *440, 950(*correspondence*)
simplified posterior approach, **69A**, *773(*technical note*)
subluxation
- *see also* Shoulder dislocation; Shoulder instability
- anterior, recurrent, treatment, modified Bristow procedure, **67A**, *383
- recurrent
- - complications, **69A**, *904
- - modified Bristow-Helfet-May procedure, **69A**, *904
- - posterior, **66A**, *169
- roentgenographic demonstration, apical oblique projection, **66A**, *1450
surgery
- arthroscopic, **68B**, *201
- inferior capsular shift, axillary nerve injury, **69B**, 502
tumours, primary bone, limb salvage procedures, **68B**, 849
weight-bearing, impingement syndrome in paraplegics, **69A**, *676
Shoulder-hand syndrome, *see* Reflex sympathetic dystrophy syndrome
Sickle cell disease, avascular necrosis of femoral head in, **67B**, *29
Side-lying, habitual, acetabular dysplasia associated with, **67B**, *25
Signal arm (K-Y) nail, **67B**, 147
Significance, in orthopaedics, **68A**, 159(*editorial*)
Sikorski, Jerzy Marian (George), appointment to Foundation Chair in Orthopaedic Surgery, University of Queensland, **67B**, 337

Silicone-gel, breast prosthesis, rupture associated with pseudotumour of arm, **65A**, *548
Silicones
elastomer ball-shaped spacer, as replacement for first metatarsophalangeal joint, **68B**, 845
prosthesis for basal joint of thumb, **69A**, *993
Silastic arthroplasty
– ball spacer in first metatarsophalangeal joint, **69B**, 678
– ball spacer in hallux valgus, compared with chevron osteotomy, **69B**, 678
– in lunatomalacia, **66B**, 297
– in ununited scaphoid freactures, **67A**, 345(*correspondence*)
– load cell analysis after, **69B**, 158
– lymphadenopathy complicating, **65A**, 280(*correspondence*)
– metacarpophalangeal joint implant, **66A**, *365
– of metacarpophalangeal joints, **66B**, 772, 777
– of scaphoid bone, complications, **67A**, *422
– of shoulder, **68B**, *375
– partial replacement of scaphoid, **66B**, 776
– Swanson spacer in hallux rigidus and valgus, **69B**, 678
– synovitis complicating, **65A**, 280(*correspondence*)
silicone-rubber implant arthroplasty of metacarpophalangeal joints for rheumatoid arthritis, **68A**, *206
Simple linear regression, **66A**, *1310(*current concepts review*)
Simplex P, volumetric changes during polymerisation, **65B**, 367
Singapore University, Chair of Orthopaedic Surgery, appointment of K.Bose, **66B**, 305
Sinus histiocytosis, with massive lymphadenopathy, presenting as spinal tumour, **67A**, *1427
Skeletal age estimation, and leg-length discrepancy, **69B**, 163
Skeletal anomalies, in Noonan's syndrome, **69B**, 506
Skeletal dysplasia, prevalence, **67B**, *133
Skeletal fixation, external
biology of, **66B**, 287
canine tibial osteotomies, compression compared with no compression, **67A**, *598
Skeletal hyperostosis, diffuse idiopathic, and ossification of posterior longitudinal ligament, **69B**, *569
Skeletal infections, in childhood, antimicrobial therapy, **66A**, *1487(*current concepts review*)
Skeletal muscles
effect of high-frequency vibration on, **68B**, 505
hypertonia of, **68B**, 162
injuries, healing, collagen and fibronectin in, **67B**, *820
necrosis, reduction by hyperbaric oxygen in compartment syndromes **65A**, *656; **68A**, *1218
tolerance to ischaemia, tourniquet application compared with acute compartment syndrome, **68A**, *820
Skeletal scintigraphy, *see* Radioisotope scanning of bone
Skeletal suspension, in management of severe burns in children, **68A**, *1375
Skeletal traction, *see* Traction, skeletal
Skeleton, *see also under individual structures*
appendicular, Burkitt's lymphoma in, **65B**, *464
Skewfoot
reappraisal of, **68A**, *1185
treatment, Denis–Browne bar, **68A**, *1194
Skin
defects, in lower limb, treatment, peroneal island flap, **67A**, *935
grafting, split, in management of pressure sores in paraplegics, **67B**, 507
sensory mechanisms, **68B**, *19
Skin-knife, contamination of, **65B**, *210
Skull
craniocervical instability, treated by contoured loop fixation, **68B**, *173
development, neural crest cells and, **65B**, 89
Sleeping position, significance in development of acetabular dysplasia, **67B**, *25
Slocum, Donald Barclay, **67A**, 825(*obituary*)
Smith, Richard Jay, **69A**, 1305(*obituary*)
Société Française de Chirurgie Orthopédique et Traumatologique (SOFCOT)
meeting (1983), **66B**, 140
symposia, **66B**, *604(*invited contribution*)
Sodium iodide detector, in technetium scanning, **68B**, *643
Soft tissue
atypical mycobacterium infection, associated with use of hot tub, **68A**, *766
carbon fibre implants, long-term effects of, **65B**, 91
damage following tibial shaft fractures, **69B**, 495
expansion, in reconstruction of knee, **69A**, *1238, *1240
grafted onto joint surface, **66B**, 609
injuries, extensive, with skeletal injury, management, **66B**, 460
tumours
– malignant
– – at site of total hip replacement, **66B**, *629
– – ultrasound screening study, **69A**, *100
Soft tissue
tumours (*continued*):
sarcoma
– – preoperative therapy, clinical utility, **68A**, *1461(*current concepts review*)
– – rates of recurrence, **69A**, *1074
– – surgical margins, **69A**, *1074
– staging
– – Enneking's system, **69A**, *1074
– – scintigraphy with gallium-67 citrate, **69A**, *886
Softball players, acute patellar dislocation, **68A**, *780
Sole, *see under* Foot; *see also* Plantar
Soleus muscle, accessory, clinical and radiographic study, **68A**, *731
Solomon, Louis, appointment to Chair in Orthopaedic Surgery, University of Bristol, **67B**, 681
Somatomedin-C, localisation of binding to bovine growth-plate chondrocytes *in situ*, **68A**, *897
Somatosensory evoked potentials, in surgical correction of scoliosis, **67B**, 334
Sonograms, *see* Ultrasound
Sonography, *see* Ultrasound
Souter–Strathclyde arthroplasty of rheumatoid elbow, **67B**, 154
South African Orthopaedic Association
meetings, **66B**, 444; **67B**, 502; **68B**, 498; **69B**, 680
presidential addresses, **68B**, 499
presidential medallion, **66B**, 444
Spacer, silicone-rubber, in treatment of scaphoid non-union, **66A**, *510
Spastic paralysis, *see* Cerebral palsy; Hemiplegia, adult-onset
Spectroscopy, nuclear magnetic resonance, *see* Nuclear magnetic resonance
Spica, hip, in treatment of femoral shaft fractures, **69B**, *743
Spina bifida
coxa vara in, *see under* Coxa vara
cystica, factors affecting ambulatory status of patients, **65A**, *350
equinovarus deformity in, treatment, talectomy, **67A**, *21
fractures around knee in, stiffness after, **67B**, *266
hand function in, **67B**, *268
hip in, **66B**, 451
– stiffness, excision of proximal end of femur for, **67B**, 147; **68B**, *75
iliopsoas transfers in children, **66A**, *224
kyphosis in
– congenital, **66B**, 779
– correction by anterior/posterior stabilisation, **66B**, 302
– treatment
– – excision spinal osteotomy, **68B**, 159
– – kyphectomy and segmental spinal instrumentation, **68B**, 856
– – Luque rods, **65B**, 98
low-lumbar, iliopsoas muscle transfer, **67B**, 333
orthopaedic factors in walking ability, **65B**, 666
rotational deformities of lower limb in, **66A**, *215
scoliosis in, effectiveness of surgery, **69B**, 164
tibial distortion with valgus deformity in, **65B**, *641
treatment
– distal cordectomy, **68A**, *88
– intraspinal rhizotomy, **68A**, *88
– orthotic, **65B**, *242
– transfer of tibialis anterior to heel, **68A**, *1258
valgus deformity of ankle in children, **66B**, *381
walking ability after transplantation of iliopsoas, **66B**, *656
with valgus deformity of ankle, **65A**, *1157
Spinal accessory nerves, lesions, **69B**, *195
Spinal canal
cervical, stenosis, congenital, presenting as transient quadriplegia in athletes, **68A**, *1371
decompression, retroperitoneal approach, in treatment of traumatic thoracolumbar fractures, **67A**, *89
expansive laminaplasty, in treatment of cervical myelopathy, **66A**, *914
lumbar
– investigation of, **67B**, 677
– stenosis
– – developmental, in adolescents, **67B**, 334
– – diagnosis, value of CT and radiculography, **68B**, 670
stenosis
– computerised tomography in evaluation, **69A**, *218
– degenerative, **69A**, *305(*current concepts review*)
– diagnosis
– – computerised tomography and myelography in, **67A**, *240
– – nuclear magnetic resonance, **66B**, *711
– Klippel–Feil syndrome associated with, **67A**, *161
– lumbar, familial, **67A**, **67A**, *321
– nerve root decompression for, **67B**, 150
– partial facetectomy for, **66B**, 608
– sublaminar wiring as cause of, **69B**, 853
Spinal cord
see also Cauda equina; Spinal canal
anterior decompression in kyphosis, **66B**, 455
central cord syndrome, **68B**, 334
– acute traumatic, **68B**, *708

Spinal cord (*continued*):
cervical
- compression, from ossification of posterior longitudinal ligament in non-orientals, **69B**, *569
- injuries, causing myelopathy hand, **69B**, *215
- neuropraxia with transient quadriplegia, **68A**, *1354; **69A**, 794(*correspondence*)
compression
- due to extradural granulation tissue in rheumatoid arthritis, **66B**, *426
- in children, diagnosis by computerised tomography, **66A**, *708
- in spinal tuberculosis, **66B**, *239
cyst, post-traumatic, **66A**, *614; **68A**, *932
decompression, **66A**, *1137(*current concepts review*)
diastematomyelia, with stable neurological deficit, **68A**, *934
distal cordectomy, in spina bifida, **68A**, *88
electrophysiological monitoring of, in scoliosis operations, **65B**, *134
function, intra-operative awakening to monitor function, **66B**, *716
injuries
- Charcot's arthropathy of spine following, **67A**, *771
- conversion paralysis simulating, **66B**, 779
- intraoperative, in segmental spinal instrumentation, **66A**, *1178
- myelography for, **65A**, 135(*correspondence*)
- secondary to thoracolumbar fractures, treatment, anterior decompression using retroperitoneal approach, **67A**, *89
injury, in experimental structural scoliosis, **69B**, *576
monitoring, **65A**, *707(*current concepts review*); **69B**, 854
- in study of postoperative neurological deficits in segmental spinal instrumentation, **66A**, *1178
trauma, concomitant injuries, **69B**, 680
tumours, intramedullary, presenting as scoliosis, **66B**, *513
Spinal instrumentation, *see* Spine, instrumentation
Spinal muscles, asymmetrical weakness, causing scoliosis, **66B**, 27
Spinal myoclonus, **66A**, *304
Spinal nerve roots, *see* Lumbosacral nerve roots
Spinal stenosis, *see under* Spinal canal
Spine
see also Back; Coccyx; Intervertebral discs; Sacrum; Spinal; Vertebrae; *and terms beginning with* Spondyl-
adolescent, growth of, **68B**, *724
anomalies, in VATER association, **68B**, 333
anterior annulus, inflammatory lesions in low back pain syndrome, **67B**, 500
appliances, *see* Spine, instrumentation
arthritis, rheumatoid, **68B**, *362
arthrodesis
- acquired spondylolysis after, **66B**, *720
- anaesthesia, induced moderate hypotensive, **67A**, *1384
- anterior interbody, **69B**, 157
- cervical, *see under* Spine, cervical
- combined anterior and posterior, **69B**, 164
- effect on proteoglycans of canine interverebral disc, **68B**, 334
- fibular fusions in low back, **69B**, 684
- for instability of cervical spine, **67B**, 327
- for nerve root entrapment syndrome, **65B**, 669
- for paralytic scoliosis, allograft bone, **68A**, *370
- for scoliosis, **68B**, 680, 853; **69B**, *20
- - correction of convex deformity, **65A**, *920
- - in adults, **69A**, *843
- - pulmonary function test before and after, **68B**, 855
- - selection of fusion levels, **65A**, *1302
- - with Harrington distraction, **68A**, *1326; **69B**, *179
- - Zielke technique, **66B**, 284
- for spinal deformities, in neurofibromatosis, **66B**, *495
- intratransverse lumbar, **69B**, 684
- lumbosacral, posterior, with sparing of iliac crest, **66B**, 786
- occipitocervical, **69B**, 684
- posterior
- - change in lumbar lordosis following, **69B**, 852
- - for scoliosis
- - - congenital, **66A**, *1188
- - - induced hypotension to control bleeding, **65B**, *255
- - - infantile idiopathic, effect of adolescent growth spurt, **65B**, *247
- - - pseudoarthrosis following, diagnosis, comparison of methods, **67A**, *1153
- - syndrome of inappropriate antidiuretic hormone secretion following, **68A**, *720
- posterolateral, **66B**, 785
- removal of sublaminar wires, **69A**, *1419
- solid posterior, discogenic pain persisting after, **68B**, *142
- two-stage anterior and posterior, **69A**, *843
arthropathy, Charcot's, following spinal cord injury, **67A**, *771
aspergillosis, causing paraplegia, **66A**, *1481; **67B**, *800
asymmetry, in coronal and median planes, **66B**, 143
biopsy
- needle, **66B**, 456
- - in histological diagnosis, **67B**, 508

Spine (*continued*):
brucellosis, **67B**, *345
- neurological involvement, **67B**, *346
- treatment
- - medical, **67B**, *348
- - radiology, **67B**, *347
- - surgical, **67B**, *350
cervical
- abnormalities, vertebral-costal process, **66A**, *1477
- anterior retropharangeal approach, **69A**, *1371
- arthrodesis
- - in spondylotic myelopathy, **66B**, 611
- - posterior, using cadaveric bone graft in children, failure, **67A**, *370
- changes in juvenile rheumatoid arthritis, **68A**, *189
- diastematomyelia with stable neurological deficit, **68A**, *934
- dislocation
- - postural nursing compared with coronal dowel fusion, **69B**, 164
- - reduction and stabilisation, **69B**, 164
- fractures
- - halo-brace for, **67B**, 352
- - internal fixation, **67B**, *352
- - pathological, palliative surgical treatment, **67B**, *352
- immobilisation, halo device, using increased torque pressure, **69A**, *750
- injuries
- - bilateral fracture of pedicle of second cervical vertebra, **68A**, *892
- - double-level fractures, **65B**, 520
- - in schoolboys playing rugby football, **66B**, *470 (*editorial*), *500
- - two-level fracture in young child, **65A**, *119
- instability
- - due to athetoid hyperactivity, **69A**, *815
- - posterior cervical fusion for, **67B**, 327
- myelopathy, *see* Myelopathy, cervical
- origin of uncus and of Luschka's joint in, **67A**, *788
- rheumatoid
- - subluxation, neurological problems, **69B**, 164
- - treatment, surgical stabilisation, **69B**, *8
- Robinson anterior discectomy and fusion, **66B**, 298
- stabilisation, **69B**, 1(*editorial*)
- stabilisation of, methylmethacrylate in, **66A**, *40
- subluxation, neurological problems, **69B**, 164
- trans-oral approach, **67B**, *691
- trauma, tortuosity of vertebral artery after, **67A**, *806
- tuberculosis of (C2 to C7), **66B**, *1
- tumours, *see under* Spine tumours
- unilateral facet dislocation of, **66B**, 147
- upper
- - instability, surgical treatment in children and adolescents, **66A**, *403
- - tuberculosis of, **65B**, *47
cervicothoracic, anterior exposure, using combined cervical and thoracic approach, **65A**, *992
Charcot's arthropathy of, following spinal cord injury, **67A**, *771
curvature, ultrasonic method of measurement, **67B**, 320
cysts
- aneurysmal, **67A**, *527
- in congenital scoliosis, **66A**, *588, 1319(*correspondence*)
- intraspinal synovial, causing sciatica, **67A**, *865
- unicameral, of lumbar vertebra, **68A**, *1283
deformities
- *see also* Kyphosis; Kyphoscoliosis; Lordoscoliosis; Lordosis; Scoliosis
- anatomy, **66B**, 289
- biomechanics, **66B**, 289; **68B**, 682
- biplanar asymmetry, in pathogenesis of idiopathic scoliosis, **66B**, *8
- due to neuromuscular disease, surgical correction, Luque segmental instrumentation, **69B**, 684
- dystrophic, in neurofibromatosis, anterior and posterior fusion for, **66B**, *495
- evolution in management of, **67B**, 678
- in idiopathic torsional dystonias, **65A**, *980
- in monozygotic twins, **68B**, 679
- neurological complications, impact of MRI on management, **69B**, 854
- neuromuscular, segmental spinal instrumentation for, **68B**, 680
- school screening for, serum glycosaminoglycans in adolescent idiopathic scoliosis, **65B**, 675
- superior mesenteric-artery (cast) syndrome following correction of, hyperalimentation for, **66A**, *1175
- treatment
- - distraction with segmental corrective forces application, **66B**, 299
- - Hartshill rectangle, **68B**, 681
- - surgery, autologous blood transfusion, **69A**, *329
- with cerebral palsy, operative treatment, **65A**, *43
- with mental retardation, operative treatment, **65A**, *43
diastematomyelia, **69B**, *188
disease
- metastatic, **68A**, *1110(*current concepts review*); **69A**, 633(*correspondence*)
- - treatment, posterolateral decompression and Luque instrumentation, **68B**, 852

Spine (*continued*):
dorsal nerve roots, section causing scoliosis, **66B**, *27
dorsolumbar, fractures, without neurological involvement, **68B**, 334
dural ectasia, associated with spontaneous dislocation in neurofibromatosis, **69A**, *1079
effect of leg-length discrepancy after femoral fracture, **65B**, *584
electrical stimulation, for scoliosis, **69B**, 507
facet joints, septic arthritis of, **69B**, *457
fracture-dislocations, thoracolumbar, unstable, Harrington distraction instrumentation with sublaminar wires, **68B**, 508
fractures, *see under* Spine, injuries
fusion
– *see* Spine, arthrodesis
growth, **69B**, *690(*annotation*)
– assessment, **69B**, *691(*annotation*)
– in adolescence, **68B**, 681
– longitudinal, segmental spinal instrumentation in preservation of, **65A**, *935
hemi-epiphysiodesis, in treatment of progressive congenital scoliosis, **67B**, 148
hemivertebrae causing scoliosis, **68B**, *588
in fluoride therapy for osteoporosis, radiographic features, **69B**, *190
infections
– associated with low-velocity missile injury to abdomen, **67A**, *1195
– haematogenous, **68B**, 335
– tuberculosis, treatment, short-course chemotherapy, **68B**, 158
infections, with coexistent tumour, **69A**, *452
injuries
– *see also under* Spine, cervical
– acute, with paralysis, treatment, results, **67A**, *360
– computer-assisted tomography in assessment of, **65B**, 520
– fracture-dislocations, thoracolumbar, closed reduction for, **69B**, 510
– fractures
– – anterolateral wedge compression, **69B**, 510
– – locking hook spinal rod system for, **68B**, 853
– – long-term follow-up, **68B**, 334
– – lumbar, Chance fracture, **69B**, 510
– – lumbosacral, stable, long-term prognosis, **66B**, 285
– – metastatic, anterior decompression and stabilisation, **68B**, *83
– – of pedicle of fourth lumbar vertebra, associated with contralateral spondylosis, **68A**, *1454
– – surgery for, neurological outcome, **69B**, 511
– – thoracolumbar, *see under* Spine, thoracolumbar
– – without neurological involvement, **68B**, 334
– gunshot, intraspinal migration of a bullet with subsequent meningitis, **65A**, 567(*correspondence*)
– lumbosacral facet dislocation, unilateral, **65A**, *1174
– pain, lumbar movement and extensor musculature in disabled athletes, **68B**, 334
– partial neurological deficits, following thoracolumbar fractures, **67A**, *89
– spontaneous dislocation in neurofibromatosis, associated with dural ectasia, **69A**, *1079
– thoracolumbar
– – *see also* Spine, thoracolumbar, fractures
– – morphological classification, **67B**, 499
– – surgical treatment, **68B**, 508
– treatment, **67A**, *165(*current concepts review*)
– – anterior decompression and stabilisation, **68B**, *83
– with fractures of sternum, **68B**, *178
instability, malignancy causing, **66A**, *47
instrumentation
– bracing in scoliosis, **67B**, *173(*editorial*), *177
– breakage, **65A**, *1339
– change in lumbar lordosis following, **69B**, 852
– Dwyer, *see* Dwyer instrumentation of spine
– Harrington, *see* Harrington instrumentation of spine
– Hartshill rectangle, **68B**, 681
– Luque, *see* Luque instrumentation of spine
– segmental, **68B**, 507; **69B**, *709
– – broken rods, **69A**, *851
– – in management of myelomeningocele kyphosis, **68B**, 856
– – in neuromuscular spinal deformities, **68B**, 680
– – in paralytic scoliosis, **66B**, 299
– – in preservation of longitudinal spinal growth, **65A**, *935; **66A**, 987(*correspondence*)
– – intraspinal paths taken by sublaminar wires during removal, **68A**, *1206
– – late complications due to wire breakage, **65A**, *1339
– – morbidity study, **68B**, 680
– – postoperative neurological deficits, **66A**, *1178
– – sublaminar, delayed paraplegia complicating, **68A**, *556
– – Unit Rod, for neuromuscular scoliosis, **68B**, 853
– – versus Harrington instrumentation, **66B**, 299
– – wiring techniques, neurological problems, **68B**, 680
– – with sublaminar wires, **69A**, *851
– torsional resistance, **69B**, 507

Spine (*continued*):
laminectomy, *see* Laminectomy
leiomyomatosis metastasising to, **65A**, *1163; **66A**, 630(*correspondence*)
lumbar
– *see also* Spine, lumbosacral; Spine, thoracolumbar
– arthrodesis, *see under* Spine arthrodesis
– dislocations, treatment, **67A**, *165(*current concepts review*)
– facet arthrosis syndrome, **69B**, *3
– fracture-dislocations, conus lesions due to, prognosis of, **65B**, 670
– fractures
– – conus lesions due to, prognosis of, **65B**, 670
– – long-term follow-up, **68B**, 334
– – of pedicle of fourth lumbar vertebra, associated with contralateral spondylosis, **68A**, *1454
– – treatment, **67A**, *165(*current concepts review*)
– hemivertebrae, combined anterior and posterior excision, **69B**, 854
– injuries, *see under* Spine injuries
– instability, **69B**, *3
– rheumatoid arthritis, **68B**, *362
– spondylolysis, **69B**, *582
– stenosis, degenerative, **69A**, *305(*current concepts review*)
– surgery, discitis following, **68B**, 158
– unicameral bone cyst of vertebra, **68A**, *1183
lumbosacral
– anterior rupture of disc, **65A**, *1186
– arthrodesis, *see under* Spine arthrodesis
– disc herniation, cauda equina syndrome and, **66B**, 298
– discectomy, cauda equina syndrome following, **66B**, 298
– effect of posture on, **67B**, *625
– facet joints
– – configuration in degenerative spondylolisthesis, **67B**, 499
– – disc space narrowing and, **66B**, *706
– fractures, stable, long-term prognosis, **66B**, 285
– in degenerative spondylolisthesis, configuration of laminae and facet joints, **67B**, 499
– instability, radiological evaluation, **66B**, 298
– kinematics, **66B**, 611
– laminae, configuration in degenerative spondylolisthesis, **67B**, 499
– orthoses, effect of four types of support on segmental mobility, **65A**, *943
– osteotomy, in ankylosing spondylitis, **67B**, *204
– radiography, **66B**, 611
– rheumatoid arthritic involvement of, **67B**, 505
– ring apophysis, **66B**, 785
– stabilisation, Luque instrumentation, **66B**, 299
– subluxation, rotational, **67B**, 505
– theco-peritoneal shunt syndrome, surgical management, **67B**, *198
– unilateral facet dislocation, **65A**, *1174
malacoplakia, **69A**, *458
manipulation, in treatment of "acute locked back", **67B**, 500
maturity, assessment, **69B**, *690(*annotation*)
neural abnormalities, in congenital scoliosis, **66A**, *588, 1319(*correspondence*)
neurological disorders, in children, hemitransplantation of Achilles tendon in, **68B**, *767
orthoses, *see* Spine, instrumentation
osteoarthritis, *see* Spondylosis
osteoblastoma, **68A**, *354
osteochondritis juvenilis, *see* Scheuermann's disease
osteoid-osteoma, **68A**, *354
– localisation using computerised tomography, **65A**, *263
osteomyelitis, pyogenic, **66B**, 299
osteotomy, excision, for kyphosis in myelomeningocele, **68B**, 159
pain
– *see also* Back pain
– after thoracolumbar spinal injury, **67B**, 151
progressive curve, **66B**, 143
radiographs, in low back pain, **66A**, *1048
rigid hyperextended, **68B**, 162
scoliosis, *see* Scoliosis
segmental instrumentation, *see under* Spine instrumentation
shape, radiation-free demonstration, **68B**, 679
stabilisation
– anterior compared with posterior, **68A**, *1156
– in neuromuscular disease, **68B**, 507
– in treatment of tumours, **68B**, 853
– with methylmethacrylate, failure, **68A**, *1145; **69A**, 1108(*correspondence*)
stenosis, *see under* Spinal canal
surgery, **69B**, 676
– autogenous blood transfusion in, **68B**, 338
– femoral head allograft in, **69B**, 681
– in North America, ABC Travelling Fellows' report, **65B**, 516
– timing of myelography and, complications related to, **65B**, *259

* Indicates full article or appreciable part

Spine (*continued*):
thoracic
- acute injuries, with paralysis, treatment, results, **67A**, *360
- dislocations
- - in neurofibromatosis, associated with dural ectasia, **69A**, *1079
- - treatment, **67A**, *165(*current concepts review*)
- fractures, treatment, **67A**, *165(*current concepts review*)
- rheumatoid arthritic involvement of, **67B**, 505
- upper, surgical approach, **69B**, *542
thoracolumbar
- fracture-dislocation, unstable, Harrington distraction instrumentation with sublaminar wires, **68B**, 508
- fractures, **66B**, 456
- - anterlateral decompression for neural involvement, **69B**, *704
- - closed reduction for, **69B**, 510
- - computed tomography, **65A**, *461
- - evaluation of anatomical results, **66B**, 294
- - flexion-distraction, **68B**, 508
- - internal fixation, **66A**, *1136(*current concepts review*); **66B**, 285
- - locking hook spinal rod system for, **68B**, 853
- - pathological, anterior decompression and stabilisation, **68B**, *83
- - treatment
- - - anterior decompression using retroperitoneal approach, **67A**, *89
- - - based on morphological classification, **67B**, 674
- - - Harrington instrumentation, complications, **67A**, *672
- - unstable, **66B**, 294
- - with incomplete neurological defect, anterior decompression using retroperitoneal approach, **67A**, *89
- injuries
- - morphological classification, **67B**, 499
- - pain, lumbar movement and extensor musculature in disabled athletes, **68B**, 334
- - partial, at thoracolumbar junction, **66B**, 456
- - surgical treatment, **68B**, 508
rheumatoid arthritis, **68B**, *362
traction, bow for application, **68A**, *306
tuberculosis, *see* Tuberculosis of spine
tumours
- *see also* Spine, cysts
- en bloc excision, biological reconstruction of skeletal defects following, **68B**, 848
- eosinophilic granuloma, **66B**, 780
- extradural secondary, laminectomy for, **66B**, 298
- in congenital scoliosis, **66A**, 1319(*correspondence*)
- lipofibroma, in congenital scoliosis, **66A**, *588
- osteoblastoma, **66B**, 277
- - behaviour pattern of scoliosis associated with, **66B**, *16
- - benign, **66B**, *21
- - radical excision, **68B**, *325
- osteoclastoma, surgical treatment, **65A**, *1283
- osteoid osteoma, **66B**, *21, 277
- - behaviour pattern of scoliosis associated with, **66B**, *16
- osteosarcoma, **68A**, *660
- primary, diagnosis and treatment, **68A**, *483
- Rosai–Dorfman disease presenting as, **67A**, *1427
- spinal stabilisation in secondary malignancy, **65B**, 224
- surgery for, **68B**, 670
- teratoma, in congenital scoliosis, **66A**, *588
- treatment
- - methylmethacrylate stabilisation of cervical spine, **66A**, *44
- - spinal stabilisation, **68B**, 853
- with coexistent infection, **69A**, *452
vertebral biopsy, closed, **69B**, 680
vertebral body
- compressive fracture, prediction using computerised tomography, **67A**, *1206
- resection, for epidural compression by malignant tumours, **67A**, *375
vertebral collapse due to haemosiderosis, **68B**, 508
vertebral growth, influence of periosteum, **67B**, 844
vibrations, in vivo measurements, **68A**, *695; **69A**, 634(*correspondence*)
Spleen, injuries, complicating anterior thoracoabdominal surgical approach for scoliosis, **65A**, *396
Splints, *see* Orthoses
Spondylitis
ankylosing
- causing progressive kyphosis, spinal correction osteotomy for, **68B**, 679
- hip arthroplasty in, **68B**, 669
- homozygous MM in, **67B**, *122
- MNS genotypes in, **68B**, *656(*brief report*)
- ossification of coracoclavicular ligaments in, **65A**, *1017, 1356(*correspondence*)
- treatment, lumbar spinal osteotomy, **67B**, *204
rheumatoid, distinguished from degenerative spondylosis, **68B**, *362
tuberculous, in adults, **67A**, *1405
Spondylo-epi-metaphyseal dysplasia, with joint laxity and severe progressive kyphoscoliosis, **66B**, 454
Spondylo-epiphyseal dysplasia tarda, X-linked variety in three brothers, **68B**, *616
Spondylolisthesis
degenerative, configuration of laminae and facet joints of lumbar spine in, **67B**, 499
dysplastic, sacral configuration in, **67B**, 335
Ewing's sarcoma presenting as, **69A**, *1089
grade-III and IV, long-term follow-up, **69A**, *960
grade-IV and V, staged salvage reconstruction, **69A**, *191
natural history of, **66A**, *699; **67A**, 823(*correspondence*)
nerve root compression in, **68B**, *596
of axis
- cervical, **66B**, 780
- familial, **68**, *704
- traumatic, **66B**, 608
- - management, **67A**, *217, 824(*correspondence*)
pseudoclaudication, indicating staged salvage reconstruction, **69A**, *191
radicular pain, indicating staged salvage reconstruction, **69A**, *191
standing inability, indicating staged salvage reconstruction, **69A**, *191
terminology and measurement, **65A**, *768; **66A**, 631(*correspondence*)
treatment
- fusion *in situ*, **65B**, *43
- - long-term results of, **65B**, 219
- posterolateral fusion, **68B**, 856
- reduction, **65B**, *40
- spinal fusion, antidiuretic hormone secretion following, **68A**, *720
- stabilisation, **65B**, *40
- - using Dwyer instrumentation, **68B**, *185
- with and without posterior fusion, **69A**, *960
Spondylolysis
acquired, after spinal fusion, **66B**, *720
aetiology, mechanical factors, **69B**, *582
in upper lumbar spine, **69B**, *582
isthmic
- due to stenosis of intervertebral foramen, **68B**, *596
- Edinburgh repair, **69B**, 491
lumbar, sources of pain in, **66B**, 298
lytic, repair by wiring, **67B**, 673
natural history of, **66A**, *699; **67A**, 823(*correspondence*)
nerve root compression in, **68B**, *596
radiography, oblique cranial tilt view, **69B**, *421(*brief report*)
Spondylometaphyseal dysplasia, Kozlowski type, pathogenic mechanisms in, **66A**, *825
Spondylopatellar arthropathy, causing patellar chondromalacia and instability, **65B**, 102
Spondyloptosis, treatment, posterolateral fusion, **68B**, 856
Spondyloschisis, with atlanto-axial subluxation in Down's syndrome, **67A**, *1414
Spondylosis
cervical, *see* Cervical spondylosis
degenerative, distinguished from rheumatoid spondylitis, **68B**, *362
lumbar, associated with fracture of pedicle of fourth lumbar vertebra, **68A**, *1454
myelopathy, anterior cervical fusion in, **66B**, 611
Spondylothoracic dysplasia, **66A**, *302
Sport medicine
see also Injuries, athletic
acute patellar dislocation in softball players, **68A**, *780
college football, braces to prevent injury, **69A**, 1(*editorial*), *2, 1467(*correspondence*)
disabled athletes, pain, lumbar movement and extensor musculature after thoracolumbar injury, **68B**, 334
Sprengel's deformity, *see* Scapula, congenital undescended
Stack, James K., **67A**, 344(*obituary*)
Stainless steel/chromium alloy couples, corrosion of, **65A**, *1125
Standing, inability, in spondylolisthesis, indicating staged salvage reconstruction, **69A**, *191
Stanmore hinged total elbow prosthesis, **65B**, 227; **66B**, *732
Stanmore total knee prosthesis, **65B**, 225
clinical results, **66B**, *355
long-term results, **66B**, 55, *349
survival, **66B**, *355
Staphylococcal infections
see also Infections; Osteomyelitis
in experimental osteomyelitis, **65A**, *371
- evaluation of cefamandole and cephalothin treatment, **65A**, *507
methicillin/cloxacillin resistant, **67B**, 336
Staples, bone
causing complications about glenohumeral joint, **66A**, *175
titanium, in treatment of recurrent dislocation of shoulder, **65B**, 674
Starvation, causing pathological fractures in elderly, **66B**, 779
Statistics for orthopaedists, **66A**, *468(*current concepts review*), *794(*current concepts review*), *1309(*current concepts review*); **69A**, *463(current concepts review)
Stature, components of, in adolescent idiopathic scoliosis, **67B**, *594
Steffee trapeziometacarpal prosthesis, **68A**, *1177
Stereography, vector, in idiopathic scoliosis, **66B**, 289

* Indicates full article or appreciable part

Stereophotogrammmetry, in monitoring of ulcer healing, **68B**, 839
Stereophotography, Raster, in measurement of shape of surface of back in scoliosis, **69A**, *203
Sterilisation, of Esmarch bandages, efficacy, **69B**, *671(*brief report*)
Sternoclavicular joint
see also under Clavicle
dislocation, **66A**, *287
– recurrent, repair, **68B**, 332
Sternocleidomastoid muscle, tenotomy, for idiopathic muscular torticollis, long-term results, **67A**, *30
Sternocostoclavicular hyperostosis, **68A**, *103
Sternomastoid tumours, efficacy of manipulative treatment, **69B**, *473
Sternum
fractures
– associated with spinal injury, **68B**, *178
– non-union, **67A**, *1091
Steroids
Achilles tendon rupture following injection of, **65A**, *1345; **67A**, 170(*correspondence*)
avascular necrosis induced by, effect of core decompression on femoral head blood flow, **67A**, *121
epidural
– in treatment of lumbar radicular pain, **67A**, *63, 980(*correspondence*), 981(*correspondence*), 982(*correspondence*); **68A**, 788(*correspondence*), 789(*correspondence*)
– transient hypercorticism after, **66A**, *1115
in treatment of reflex sympathetic dystrophy syndrome, **66A**, *628
inducing accumulation of lipid in osteocytes of rabbit femoral head, **67A**, *755
therapy
– paraplegia complicating, **66A**, *783
– short-term high-dose, multifocal avascular necrosis after, **66B**, *431
Still's disease
see Arthritis, juvenile chronic; Rheumatoid arthritis, juvenile
Stimulants, in treatment of pain, **67A**, *340(*current concepts review*)
Stimulator, bone, electrical, **68B**, 681
Stracathro approach to hip, **66B**, *30
Streeter's dysplasia, *see* Annular constriction bands, congenital
Streptococcal gangrene, mimicking compartment syndrome, **67A**, *1125
Streptomycin, in treatment of tuberculosis of spine, **67B**, *103
Stress, metabolic response to, **68A**, *782(*current concepts review*)
Stress fractures, in military recruits, **67B**, *732
Stress response, in prosthetic replacement of femur, comparison of anaesthetic techniques, **65B**, 660
Stress tests, biomechanical, in measurement of anterior-posterior motion of knee, **66A**, *1438
Strontium
extraction and fractional escape rate, **67B**, 346
rickets due to, stereological studies on epiphysial cartilage, **66A**, *1274
Stryker knee laxity recorder, **69B**, 160
Subacromial bursography, in diagnosis of shoulder impingement, **68B**, 675
Subacromial bursoscopy, in painful shoulder, **67B**, 495
Sublaminar wires, removal of, intraspinal pathways taken, **68A**, *1206
Subperiosteal juxta-articular osteoid osteoma, **68B**, *320
Subscapularis tendon, insertion, isolated aversion, in child, **67A**, *635
Subscapularis
tendon
– avulsion, **69A**, *1454
– transfer, in locked posterior shoulder dislocation, **69A**, *9
Subtalar joint
arthritis, diagnosed by bone scan, **69B**, *448
arthrodesis
– Batchelor–Grice extra-articular, **67B**, 147; **68B**, *125
– by cancellous grafts and metallic internal fixation, **69B**, 492
– late, after hindfoot injury, **66B**, 144
dislocation, bilateral recurrent, **67A**, *1432
os calcis pin traction and, **67B**, 146
release, in club foot, **67A**, *1044, *1056; **68A**, 151(*correspondence*)
stability, following division of lateral collateral ligament of ankle, **68B**, 844
valgus deformity at, in children with spina bifida aperta, **66B**, *381
Subtrochanteric fracture, after Garden screw fixation, **68B**, 161
Suckers, operative, contamination of, **68B**, *151
Suction drains, size of, and incidence of postoperative wound haematoma, **69B**, 497
Sudeck's atrophy
see Reflex sympathetic dystrophy syndrome
calcaneal tendon rupture in, treatment by external fixation, **67B**, *449
Superior mesenteric-artery (cast) syndrome, following correction of spinal deformity, hyperalimentation for, **56A**, *1175
Supracondylar device, Zickel, in treatment of fractures of distal end of femur, **65A**, *491
Supracondylar fractures, open reduction, **68B**, 336
Supracondylar osteotomy, pseudoaneurysm secondary to protruding screw following, **66A**, *1126
Suprapatellar plica, **66B**, 280
Suprascapular nerve
denervation, secondary to attentuation by ganglionic cyst, **68A**, *627
injuries, in volleyball players, **69A**, *260
Supraspinatus
clarification of role in shoulder function, **68A**, *398
tendinitis, in three-year-old child, **69B**, *148(*brief report*)
Surgical implants, *see* Implants
Swanson Silastic spacer, in hallux rigidus and valgus, **69B**, 678
Swanson implant arthroplasty, in distal radio-ulnar joint, **67B**, 330
Swanson ulnar head replacement, **69B**, 501
Swimmers, highly competitive, shoulder pain in, **66B**, 304
Syme's amputation, **68A**, *573
evaluation of physical and psychological function in young patients, **68A**, *573
for leg-length discrepancy, **67B**, 150
Gruca operation as alternative, **69B**, *587
in congenital pseudarthrosis of tibia, **65A**, *533
in treatment of femoral focal deficiency, **69A**, *837
leg-length inequality in children, **69B**, *433
long-term review, **68B**, 849
Sympathectomy
effect on blood flow in bone, **69A**, *1384
for reflex sympathetic dystrophy, **69B**, *797
lumbar, chemical, **67B**, 174(*annotation*)
Sympathetic blockade, for reflex sympathetic dystrophy, **69B**, *797
Sympathetic dystrophy, reflex, *see* Reflex sympathetic dystrophy
Symphalangism, Fuhrmann type, with tarsal and carpal coalition, **67A**, *884
Synostosis, radio-ulnar, treatment, by excision and free fat transplant, **65B**, *433
Synovectomy
arthroscopic, **66B**, 304
in juvenile rheumatoid arthritis, late results, **67A**, *8
of elbow
– in rheumatoid arthritis, **67A**, *16
– in young haemophilic patients, **69A**, *264
of knee
– for haemophilic arthropathy, **68A**, *210
– for rheumatoid arthritis, **68A**, *198
– in chronic arthritis in Lyme disease, **68A**, *1057
– in haemophilia, **68B**, 674
– in juvenile chronic arthritis, **68B**, *223
– in juvenile rheumatoid arthritis, late results, **67A**, 824(*correspondence*)
– using intra-articular injection of dysprosium-165-ferric hydroxide microaggregates, **69A**, *970
radiation, radioactive particle leakage from synovial joint, **65A**, *381
Synovial chondromatosis
chondrosarcoma developing in, **69B**, *137
juvenile
– of hip, **65A**, *552
– of knee, **65B**, *444
synovial chondrosarcoma complicating, **69A**, *1084
Synovial fluid, normal, osmolality and exercise-induced changes, **67A**, *1336
Synovial hypertrophy, in Reiter's syndrome, **65A**, *555
Synovial joint, radioactive particle leakage from, gamma camera study of, **65A**, *381
Synovial membrane, giant-cell tumour of, **66A**, *76
Synovial shelf, knee pain associated with, **5B**, 670
Synovitis
see also Arthritis
in silicone arthroplasty, **65A**, 280(*correspondence*)
of hip, transient, incidence, epidemiology and relation to Perthes' disease, **69B**, *238
of second metatarsophalangeal joint, non-inflammatory, **68B**, 845
painful, secondary to gout in area of prosthetic hip joint, **66A**, *610
pigmented villonodular, **66A**, *76
transient
– and Perthes' disease, **68B**, *808
– influence of joint posture on intra-articular pressure in, **69B**, *71
Synovium
effects of changes on cartilage matrix breakdown, **67B**, 158
intrasynovial deposition of calcium phosphate, **66A**, *133
Synthetic casts, setting temperatures, **67A**, *262
Syphilis, congenital, **65A**, *115
Syringomyelia, progressive scoliosis as first presenting sign, **65B**, *472
Systemic lupus erythematosus, hip arthroplasty in, **69A**, *807

T

Talar dome, osteochondral fractures, **67B**, 672
Talectomy
for club foot in arthrogryposis, **66B**, *694, *697
for equinovarus deformity in myelodysplasia, **67A**, *21
Talipes, *see* Club foot

Talocalcaneal coalition
evaluation, computerised axial tomography, **69A**, *609
symptomatic
– treatment, **69A**, *533
– – excision with free fat graft, **69A**, *539
Talofibular ligament, anterior, contribution to ankle laxity, **65A**, *81
Talonavicular fusion, for hindfoot arthritis, **65B**, 667
Talus
see also Ankle
aseptic necrosis, evaluation by magnetic resonance imaging, **68A**, *927
caisson disease, **69B**, *847(*brief report*)
congenital vertical, staged operative reduction, **67B**, *117
fractures
– of neck of, **69B**, 503
– osteochondral, **69B**, *89
osteochondral lesions, arthroscopic treatment, **68A**, *862
osteomyelitis, primary subacute, **66B**, *101
reinforced acrylic cement as substitute for, in tibiocalcaneal stabilisation, **66A**, *788
tibiotalar arthrodesis, long-term results, **67A**, *546
Talus partitus, **67B**, *430
Tara hip prosthesis, **66A**, *28; **66B**, 786
Tarsal coalition, and peroneal spastic flat foot, **66A**, *976
Tarsal syndrome, anterior, **66A**, *768; **67A**, 170(*correspondence*)
Tarsometatarsal joints
dislocations, **65A**, *265
injuries
– incidence, classification and treatment, **65B**, 98
– late results, **69B**, *437
– treatment, late results, **68B**, 849
Tarsus
see also Calcaneus; Talus
coalitions
– presenting with pain, **68B**, 155
– with carpal coalition and symphalangism of Fuhrmann type, **67A**, *884
Taylor, Lloyd W., **67A**, 1144(*obituary*)
Technetium scanning
see also Radioisotope scanning
cadmium telluride detector, **68B**, *643
of bone
– early dynamic, as indicator of osseus blood flow and factors affecting uptake of diphosphonate in healing bone, **67A**, *763; **68A**, 789(*correspondence*)
– for aetiology of lower leg pain, **68B**, *818
– gamma-ray detection probe in treatment of osteoid-osteoma, **65A**, *1019
– in diagnosis of septic arthritis in children, **69B**, 163
– in fresh femoral neck fractures, **65B**, 666
– in osteomyelitis, diagnosis in childhood, **65A**, *431
– in prediction of post-traumatic avascular necrosis of femoral head, **65A**, *786
– in prognosis of acute scaphoid fractures, **65B**, 667
– prediction of non-union in tibial fractures, **66B**, 287
– with labelled phosphate compounds, improved technique, **68B**, *643
extraction and fractional escape rate of tracer, **67B**, 846
in evaluation of healing process of bone fractures, **67B**, 507
sodium iodide detector, **68B**, *643
tracer uptake during bone healing, **67B**, 846
Tectoplasty, for painful dislocation or subluxation of hip, **68B**, *55
Tendo calcaneus, *see* Achilles tendon
Tendon sheath, giant-cell tumour of, **66A**, *76
Tendon(s)
see also specific tendons, and under regional headings
anomalous extensor tendon transfer for ruptured extensor pollicis longus, **68B**, 674
blood flow in, **65B**, 366; **66B**, *441
Dexon as replacement for calcaneal tendon in sheep, **67B**, *313
extensor, tethering caused by muscle pads, **66B**, *128
flexor
– healing of, **65A**, *70
– injuries, **67A**, *817
– intrinsic repair, **66A**, *385
– restoration of gliding surface, **65A**, *70
grafting
– allogeneic, in reconstruction of anterior cruciate ligament, **68B**, *739
– patellar tendon in anterior cruciate ligament reconstruction, **68B**, *453
– replacement of anterior cruciate ligament by allogeneic graft, **66B**, *672
implantation into bone, **67B**, 844
neotendons, induced by carbon-fibre or polyester-fibre implants, **66B**, *131
new stitch for fixation, **68A**, *764(*brief note*)
new technique for passing through bone, **69A**, *922(*brief note*)
nutrition of, **66B**, 441
transfer
– in management of persistent foot drop, **67B**, 326
– theoretical bases for, **65B**, 673
Tennis elbow
lateral epicondyle and, **69B**, 163
surgical treatment, **67B**, 507
Tenodesis, MacIntosh extra-articular, **68B**, *453
Tenotomy, of sternocleidomastoid muscle, for idiopathic muscular torticollis, long-term results, **67A**, *30
Teratoma, of spine, in congenital scoliosis, **66A**, *588
Terylene, ligaments, fixation to bone (in pigs), **65B**, 660
Tetracycline, fluorescence demonstration of nidus in osteoid osteoma, **68A**, *747
Tetraplegia
after minor trauma in Klippel–Feil syndrome, **66A**, *1473
due to rugby injuries, **66B**, 781
hand in, surgical reconstruction, **65B**, 667
spastic, resection of upper end of femur in children, **66B**, 142
transient
– as presentation of congenital cervical stenosis in athletes, **68A**, *1371
– with neuropraxia of cervical spinal cord, **68A**, *1354; **69A**, 794(*correspondence*)
traumatic
– management of upper limb in, **65B**, 222
– treatment, reconstruction of upper limb, **65B**, *291
upper limb reconstruction in, **67B**, 679
Tharies hip prostheses, **65A**, *366; **66A**, *228
Therapeutic embolisation, *see* Embolisation, therapeutic
Thermography, diagnosis in athletes with patellofemoral arthralgia, **68B**, *42
Thermoluminescence dosimetry, **65A**, 1
Thigh
acute compartment syndrome in, complicating femoral fracture, **68A**, *1439
compartment syndrome, acute posterior, **67A**, *1278
Third World, Professorship to, awarded to Mercer Rang, **69B**, 858
Thomas, Goronwy Evan, **67B**, 138(*obituary*)
Thompson, Frederick Roeck, **65A**, 873(*obituary*)
Thompson arthroplasty of hip, **68B**, 852
cemented and uncemented, **65B**, 218
McFarland–Osborne approach, dislocation following, **67B**, 153
Thoracic outlet
analysis of 82 explorations, **65B**, 218
syndrome, following correction of scoliosis in patient with cervical ribs, **65A**, 218
Thoracoabdominal injuries, in patient with multiple trauma, **68A**, *947 (*current concepts review*)
Thrombocytopenia
associated with absent radius and knee dysplasia, **66A**, *421, 1494(*correspondence*)
heparin-associated, with venous thrombosis, **67A**, *1123
heparin-induced, **69A**, *935
Thromboembolic disease
postoperative
– after hip surgery, thrombosis of femoral artery during revision of total hip replacement, **68A**, *454
– prophylaxis, **68A**, *146(*current concepts review*), 1304(*correspondence*), 1465(*correspondence*)
– – anticoagulants, **68A**, *147(*current concepts review*)
– – aspirin, **68A**, *148(*current concepts review*)
– – dextran, **68A**, *148(*current concepts review*)
– – heparin, **68A**, *147(*current concepts review*)
– – international survey, **68B**, 506
Thrombosis
after hip fractures, prevention of, dextran/aspirin versus heparin/dihydroergotamine, **67B**, *305
deep-vein
– after hip arthroplasty, **67B**, *538
– – prophylaxis, **67A**, *57, 983(*correspondence*)
– after total knee replacement, **66A**, *194
– – indications for treatment, **66A**, *202, 1144(*correspondence*)
– effect of pneumatic tourniquets on incidence of, **65B**, *336
– in children, following trauma, **65A**, *839
– incidence and prevention, **67B**, 675
heparin therapy, complications, thrombocytopenia and thrombosis syndrome, **69A**, *935
of axillary artery, complicating fractures of proximal humerus, **69A**, *778
of tibial artery, complicating fractures of femur, tibia and fibula, **69A**, *775
Thumb
adduction contracture of, in cerebral palsy, preoperative electromyographic study, **65A**, *755
amputated, reconstruction with free wrap-around flap from big toe and iliac bone graft, **67A**, *439
arthroplasty, of basal joint, silicone prosthesis, **69A**, *993
duplication of, **65A**, *584
locking at interphalangeal joint by sesamoid bone, **66A**, *1300
mallet, **65B**, *606

* Indicates full article or appreciable part

Thumb (*continued*):
metacarpophalangeal joint
– injuries, acute, **68B**, 157
– locking, **67A**, *782
– ulnar collateral ligament, rupture and displacement, **68A**, *1320
reconstruction, total, osteocutaneous forearm flap, **67B**, 153
sensibility evaluation after operations, **67B**, *814
Thurstan Holland metaphyseal fragment, **67A**, 980(*correspondence*)
Thyrocalcitonin, *see* Calcitonin
Tibia
absence of, with five-fingered hand and pre-axial polydactyly, **65B**, *60
anterior, compartment syndrome, due to proximal tibial osteotomy, **68B**, *471
arthroplasty, fracture of metallic tray following total knee replacement, **66A**, *780
bone width, and stress fractures, **69B**, *326
bowing, acute traumatic, without fracture, **67A**, *965
condyle, autogenous patella as replacement for, **67B**, *557
congenital deficiency, **67B**, *581
congenital hemimelia, **66A**, *453
congenital pseudarthrosis, **67B**, 507
– associated with neurofibromatosis, **67B**, *459
– management, **67B**, *459
– treatment
– – electrical stimulation, **66B**, 283; **67B**, *454
– – free vascularised fibular graft, **67B**, *64, 490(*discussion*)
– – Syme amputation, **65A**, *533
distraction physeolysis, experimental study, **68B**, 333
dysplasia, **65B**, *157
epiphysis
– distal
– – fractures, in adolescence, **65A**, *438, 1208(*correspondence*)
– – irreducible fracture-separations of, **65B**, *160
– – stapling, in valgus deformity, **65A**, *1157
– injuries, **67B**, 148
– proximal, effect of distraction epiphysiolysis on, **68B**, 840
external fixation, **68B**, *246
fractures
– analyis by "shift comparison", **66B**, *529
– biphasic healing pattern, **68B**, 839
– complications, **69A**, *801
– condylar, **68A**, *13
– delayed union, functional results after, **68B**, 667
– diaphyseal, healing, influence of axial micromovement, **68B**, 498
– direction of displacement, **68B**, 462
– displaced, conservative treatment, **66B**, *84
– experimental, healing, influence of induced micromovement, **67B**, *650
– fatigue, bilateral sequential, **65A**, *843
– flexure stiffness, **67B**, 845
– healing
– – patterns in external skeletal fixation, **67B**, 145
– – prediction by radionuclide imaging, **69B**, *441
– – time for, in Ugandan African, **69B**, *56(*brief report*)
– lateral condylar, functional bracing, **67B**, 145
– natural frequency, **66B**, 287
– non-union
– – prediction, **66B**, 287
– – – using bone-scanning and fracture shift, **67B**, 146
– of distal end of
– – in adolescence, **65A**, *438, 1208(*correspondence*)
– – in children, open reduction for, **66A**, *647
– – pilon fracture, **66B**, 295
– – Salter–Harris Type IV, **65A**, *1059
– – transitional, classification, diagnosis and treatment, **67A**, *687
– – triplane, **69B**, *412
– – with open growth plate, **69B**, *412
– of distal epiphysis, triplane, computerised tomographic study, **69B**, 507
– of lateral condyle, Segond, **69B**, *613(*brief report*)
– of plafond of, **68A**, *543
– of plateau of, **66B**, 282; **67B**, 845
– – bicondylar, **68B**, 850
– – computerised axial tomography, **69B**, *84
– – late osteochondral allograft resurfacing, **66A**, *328
– – lateral, new surgical approach to, **66A**, *1236
– – severely depressed, iliac autograft for reconstruction, **67A**, *1270; **68A**, 475(*correspondence*)
– of proximal metaphysis of, valgus deformity after, **69B**, *482(*brief report*)
– of proximal part of, associated with entrapped popliteal artery, **68A**, *941, 1305(*erratum*)
– of shaft of
– – disability following, **68B**, 678
– – foot loading following, **65B**, 366
– – hindfoot disability following internal fixation, **65B**, *326
– – hindfoot recovery, **69B**, 679
– – prognostic value of early scintigraphy, **65B**, 223
– – soft-tissue damage following, **69B**, 495
Tibia
fractures
– of shaft of (*continued*):
– – spiral, **68B**, *462
– – stability of union after, **66B**, *529
– – treatment
– – – Ender's nailing and early weight-bearing, **67B**, *576
– – – fixed versus hinged ankle cast brace, **69B**, 153
– – – intramedullary fixing with AO and Grosse–Kempf locking nails, **67B**, 325
– – – locking medullary nail system, **69B**, 489
– – – open intramedullary nailing and bone grafting, **69A**, *375
– – – prefabricated functional braces, **66A**, *1328
– – with ipsilateral femoral fracture, treatment by cast-brace, **68B**, 677
– of tuberosity, with associated ligamentous and meniscal tears, **66A**, *790
– open
– – compartment syndrome in, **68A**, *1348
– – free tissue transfer for, **68B**, 850
– – functional results after immediate internal fixation, **67B**, 325
– – incidence of infection, external fixation compared with plaster cast immobilisation, **66B**, 459
– – prospective evaluation, **67B**, 325
– – reduction, **66A**, *647
– – severe, **69A**, *801
– prostaglandin E release from bone and muscle tissue, **67B**, 317
– "railing", **67B**, 148
– shift, prediction of fracture non-union by, **67B**, 146
– soft-tissue hinge, **68B**, 462
– spiral, evaluation, comparison of conventional radiography and computerised tomography, **67A**, *1388; **68A**, 790(*correspondence*), 791(*correspondence*)
– stress
– – and tibial bone width, **69B**, *326
– – diagnostic pitfalls in children, **66B**, 450
– – in osteoarthritis of knee, **69B**, *309
– – in pyrophosphate arthropathy, **65B**, *472
– treatment
– – conservative, **66B**, *84
– – electrical stimulation, **66B**, 283
– – Ender's nailing, **67A**, *446
– – external fixation, **66B**, 614; **67B**, 145
– – Hughes fixator, **67B**, 845
– – intramedullary nailing, Lottes-nail fixation, **65A**, *879
– – of failures after plating, **68A**, *1231
– – Oxford external fixation frame, **67B**, 145
– – reaming and intramedullary nailing, **68A**, *877
– – stiffness of semi-rigid fixation, **65B**, *312
– type-IIIC, salvage or amputation, **69A**, 799(*editorial*)
– unilateral, quadriceps muscle wasting and protein synthesis, **68B**, 498
– with ipsilateral femoral fracture, **66A**, *991; **68B**, *442
– with tibial artery thrombosis, **69A**, *775
growth potential (in sheep), **66B**, 777
lateral plateau, gradient, **67B**, 152
lateral torsion, supramalleolar derotation osteotomy for, **65B**, *166
lengthening, longitudinal growth after, **69A**, *684
longitudinal growth, **69B**, *812
malignant fibrous histiocytoma, adjuvant chemotherapy for, **67A**, *620
medial tibial syndrome, results of fasciotomy, **65A**, *1252
osteoarthritis, upper tibial osteotomy for, **67A**, *1136(*current concepts review*)
osteoid osteoma, **67A**, 1307(*correspondence*)
osteoporosis, disuse, sciatic denervation, treatment, capacitatively coupled electrical stimulation, experimental study, **67A**, *1022
osteotomy
– canine, external skeletal fixation, compression compared with no compression, **67A**, *598
– comparison of operative methods, **68B**, 504
– dome
– – for osteoarthritis of knee, **68B**, *782
– – in treatment of osteoarthritis of knee, **67B**, 145
– early healing stabilised by one-plane or two-plane external fixation, **69A**, *355
– high
– – for varus gonarthrosis, **66A**, *1040
– – in treatment of osteoarthritis of knee, **69B**, 504
– – long-term follow-up, **69B**, 504
– long-term outcome, **68B**, 160
– of tibial tubercle, **65A**, *704, 1207(*correspondence*)
– patellofemoral joint after, **68B**, 504
– proximal
– – clinical changes following, relationship to gait, **67A**, *1188
– – failed
– – – condylar total knee arthroplasty after, **69A**, *28
– – – results of total knee arthroplasty after, **69A**, *225
– – for angular knee deformities in children, **66B**, 301

Tibia
osteotomy
- proximal (*continued*):
- - for osteoarthritis, **67A**, *1136(*current concepts review*)
- - - of knee, **65A**, *36; **65B**, 220, 517
- - for osteoarthritis with varus deformity, **69A**, *332
- response of growth plates, **69B**, *664
- supramalleolar derotation, **65B**, *166
- weakness of dorsiflexion complicating, **68B**, *471
- wedge, pain relief after, **68B**, 670
periosteal division in, **69B**, *812
plafond, fractures of anterolateral aspect, relationship with medial malleolus fractures, **69A**, *381
posterior neurovascular decompression, in plantar ulcers in leprosy, **67B**, 497
proximal
- effect of medial meniscectomy on strain distribution in, **66A**, *1431
- fractures, peri-articular, treatment, functional bracing, **67B**, 145
- growth plate, **69A**, *162
- osteotomy, *see* Tibia, osteotomy, proximal
- physis, asymmetrical arrest, **66A**, *575
pseudarthrosis, congenital, *see* Tibia, congenital pseudarthrosis
rotationplasty, *see* Van Nes rotationplasty
stapling of distal epiphysis in valgus deformity, **65A**, *1157
subchondral bone density, **67A**, *295
subchondral plate, scanning electron microscope study, **69A**, *1212
tibiofibular relationships, changes in, due to growth disturbances after ankle fractures in children, **66A**, *1198
tibiotalar arthrodesis, long-term results, **67A**, *546
torsion of, with valgus deformity of foot, correction of, **65B**, *641
tumours, adamantinoma, treatment, wide resection and allograft, **69A**, *1177
valgus deformity, acquired, in children, **68B**, 678
Tibia valga, post-traumatic, spontaneous improvement, **68A**, *680
Tibia vara, due to fibrocartilaginous dysplasia, **67B**, *780; **69B**, 163
Tibial artery, thrombosis, associated with simultaneous fractures of femur, tibia and fibula, **69A**, *775
Tibial tendons, *see* Tibialis anterior tendon; Tibialis posterior tendon
Tibial tubercle
advancement
- biomechanical study, **67B**, *255
- for failed patellectomy, **67B**, 156
elevation
- combined with rotation, in treatment of patellofemoral pain, **68A**, *419
- for anterior knee pain, **68B**, 337
Maquet-like displacement, **68B**, 337
rotation, combined with elevation, in treatment of patellofemoral pain, **68A**, *419
Tibialis anterior
hernia, compartment syndrome complicating repair, **68A**, *1444
in congenital club foot, **66B**, 450
tendon
- transfer to heel in myelomeningocele, **68A**, *1258
- repair, complications, compartment syndrome, **68A**, *1444
tendon transfer, in congenital club foot, **67B**, 490
Tibialis posterior tendon
non-specific tendo-vaginitis, a wrong diagnosis, **68B**, 843
pathology, flat foot secondary to, **68A**, *95d
ruptured, **68B**, 843
- associated with ankle fracture, **65A**, *260
- causing flat foot, surgical treatment, **67A**, *556, 1448(*correspondence*)
- in closed ankle fractures, **67A**, *493
transfer
- in cerebral palsy, **69A**, *1133
- in Duchenne dystrophy, **68B**, 337
- in spastic cerebral palsy, **65A**, *748
- split, in children with cerebral spastic paralysis and equinovarus deformity, **67A**, *186
Tibial rotationplasty, **67A**, *see* Van Nes rotationplasty
Tibialis posterior
epidural responses from, during scoliosis surgery, **69B**, 854
tendon
- dysfunction associated with seronegative spondylo-arthropathy, **69B**, 679
- rupture, and severe rheumatoid flat foot, **69B**, 493
Tibial nerve, posterior, entrapment, caused by accessory abductor hallucis, **69B**, *479(*brief reports*)
Tibial tubercle, osteotomy, in treatment of osteoarthritis of knee, **69B**, 504
Tibiofemoral alignment, effect on results of knee replacement, **67B**, *551
Tibiofibular joint
dislocation, recurrent, **68A**, *1104
distal, instability of syndesmosis after bimalleolar and trimalleolar ankle fractures, **66A**, *490, 1319(*correspondence*)
proximal, isolated anterior dislocation of, **65B**, *310
Tibiofibular joint (*continued*):
superior
- dislocation
- - recurrent, **68A**, *126
- - - surgical stabilisation by ligament reconstruction, **68A**, *126
Tibiofibular torsion, development in normal and clubfoot populations, **69B**, 491
Tibiotalar arthrodesis, long-term results, **67A**, *546
Tillaux fracture, juvenile, **65A**, *438
Tissue(s)
free, transfer of, efficacy in treatment of osteomyelitis, **66A**, *181, 1494(*correspondence*)
pH measurement at calcifying fronts by ^{31}P NMR spectroscopy, **67B**, 154
soft, *see* Soft tissue
transfer, in management of lower extremity trauma, **67B**, 335
TLSO brace, **67B**, 178
Titanium
fibre-metal segmental prosthesis, effect of load-alteration on performance, **68A**, *118
radiographic analysis of low-modulus titanium-alloy femoral total hip component, **67A**, *48
staple and screw fixation in treatment of recurrent dislocation of shoulder, **65B**, 674
Titanium/cobalt–chromium alloy couples, corrosion of, **65A**, *1125
Toenails
ingrown
- nail abnormality in, **69B**, *840
- ingrowing, phenol ablation of lateral nail bed margin, **68B**, 845
- radical excision of nailfold, **66B**, *63
- segmental phenolisation for, **65B**, 519
Toes
see also Foot; Interphalangeal joints; Phalanges
arterial supply, patterns of, **65A**, *235
cock-up, new method of treatment, **68B**, 845
deformities
- claw toe, open flexor tenotomy for, **66B**, *770
- hammer toe
- - in Egyptian mummies, **66B**, 773
- - open flexor tenotomy for, **66B**, *770
flexor tenotomy for hammer toe and curly toe, **66B**, *770
hallux
- *see also* Hallux rigidus; Hallux valgus
- arthrodesis, **67B**, 670
- cock-up deformity, treatment, arthrodesis of first metatarsophalangeal joint, **69A**, *68
- delta phalanx of proximal phalanges of, **66B**, *77
- extension test, **67B**, *71
- flap from, in reconstruction of thumb, **67A**, *439
pigmented villonodular synovitis, **66A**, *87
short extensors, anatomical study, **66B**, 784
Tom Smiths' arthritis, *see* Arthritis, septic
Tomography
arthrotomography of shoulder, **66B**, 303
computerised
- after posterior dislocation of hip, **69B**, *556
- at glenohumeral joint, **69B**, 163
- chemonucleolysis effects demonstrated by, **66B**, *417
- compared with lumbar discography, **69B**, 164
- documentation of intra-articular penetration of screw after shoulder operations, **67A**, *1120
- for tibial plateau fractures, **69B**, *84
- in assessment of femoral anteversion, **69B**, *268
- in canal-expansive laminaplasty, **66A**, *915
- in design of implant, **68B**, *208
- in determining bone involvement by soft-tissue sarcomas, comparison with bone scintigraphy, **66A**, *1400
- in diagnosis of
- - atlanto-axial instability, **66A**, *708
- - central spinal stenosis, **67A**, *240
- - incongruity of radio-ulnar joint, **67A**, *247
- - lumbar lateral canal stenosis, **68B**, 670
- - meniscal tears, **69A**, *498
- - plantar ganglion cyst in child, **65A**, *1348
- - psoas abscess, **67A**, *1281
- - spinal cord compression, **66A**, *708
- in differentiation of recurrent disc herniation and postoperative root scar, **69B**, 510
- in evaluation of recurrent patellar subluxation, **69B**, 504
- in evaluation of spiral fractures of tibia, **67A**, *1388; **68A**, 790(*correspondence*), 791(*correspondence*)
- in evaluation of talocalcaneal coalition, **69A**, *609
- in evaluation of vertebral levels caudad to complete block on lumbar myelogram, **69A**, *218
- in follow-up of voluntary habitual dislocation of hip, **66A**, *1117
- in intervertebral disc prolapse, **68B**, *729
- in investigation of os calcis fractures, **69B**, 159
- in investigation of spinal brucellosis, **67B**, 348

Tomography
computerised (*continued*):
- in lumbar disc disease, **69B**, 509
- in measurement of femoral anteversion, **69A**, *1169
- in measurement of leg length, **69B**, *846(*brief report*)
- in measurement of limb-length discrepancy, **69A**, *699
- in prediction of vertebral body compressive fracture, **67A**, *1206
- in study of
- - bone loss in premenopausal and postmenopausal women, **66A**, *1015
- - femoral retroversion with slipped capital femoral epiphysis, **68A**, *1000
- - musculature of lower limb, **67A**, *1034
- in study of anatomy of hip abductor muscles, **69A**, *1021
- in study of bone density changes after knee arthroplasty, **69B**, *407
- in study of triplane fracture, **69B**, 507
- in total hip replacement, **68B**, 669
- in traction injuries of brachial plexus, **68B**, *734
- myelotomography in assessment of rheumatoid atlanto-axial subluxation, **68B**, *350
- of anterior cruciate ligament, **66B**, 281
- of hip
- - dislocations and fractures, **66B**, 612
- - congenital dislocation, **66B**, *472
- of spine
- - in assessment of fractures, **6B**, 520
- - in thoracolumbar fractures, **65A**, *461
- - localisation of osteoid-osteoma, **65A**, *263
- prospective study of effect of chemonucleolysis, **66B**, 281
of lateral tibial plateau, in prognosis of anterior cruciate deficient knee, **67B**, 151
Tonic vibratory reflex, **68B**, 505
Torsional dystonia, idiopathic, correction of spinal deformity in, **65A**, *980
Torticollis
idiopathic muscular, treatment, open sternocleidomastoid tenotomy, long-term results, **67A**, *30
in children, caused by congenital abnormalities of atlas, **68A**, *178
modified surgical approach, **65A**, *894
Touraine–Solente–Golé syndrome, **67B**, 150
Tourniquets, **66B**, 608
complications, fatal pulmonary embolism following inflation, **67A**, *633, 1143(*correspondence*)
digital, guidelines for use, based on physiological pressure measurements, **67A**, *1086
in extremity surgery, optimising application and release times, **67A**, *303
ischaemia due to
- metabolic effects, NMR studies, **65B**, 658; **66B**, *434
- protective role of local hypothermia, **67B**, *297
- tolerance of skeletal muscle, **68A**, *820
low pressure, prospective evaluation, **68B**, *625
paralysis, **65B**, 374(*editorial*); **65B**, *441
- simultaneous with compartment syndrome, **69B**, *97
pneumatic
- compartment syndrome of arm complicating, **65A**, *270; **66A**, 630(*correspondence*)
- effect on incidence of deep venous thrombosis, **65B**, *336
pneumatic machines, electronic monitor for safer use, **69B**, 157
pressure distribution under, **67A**, *433
safety, testing for inaccurate gauges, **65B**, 227
- paralysis, **65B**, *441
test for carpal tunnel syndrome, **68A**, *735
use with plaster casts, study of cutaneous and intracompartmental limb pressures, **68B**, 497
wide pneumatic, **68B**, *625
Townley salvage procedure, in total hip replacement, **65B**, 665
Toxic shock syndrome, postoperative, complicating orthopaedic surgery, **66A**, *952, *955, 1321(*correspondence*); **67A**, 504(*correspondence*)
Traction
see also Orthoses
diagnostic value during radiography in diseases of hip, **65B**, *428
in femoral shaft fractures, **69A**, *1435
overhead
- in management of humeral fractures, **68B**, 676
- in treatment of supracondylar fractures of humerus, **65B**, 675; **69B**, 152
roller
- for fractured femur, **67B**, *750
- - comminuted shaft fracture, **66A**, *1222
skeletal
- compared with femoral shortening, in treatment of congenital hip dislocation, **66A**, *21
- complications, tibial fracture through traction-pin site, **66A**, *1475
- ulnar, in treatment of elbow injuries, **66B**, 142
Traffic accidents, *see* Accidents, traffic
Traffic elbow, management of, **66A**, *552
Train accidents, *see* Accidents, train
Transphyseal blood vessels, in acute haematogenous osteomyelitis and septic arthritis, **68B**, *268
Trapeziometacarpal joint, arthroplasty, total replacement, Steffee prosthesis, **68A**, *1177
Trapezium
arthroplasty, total replacement, **66B**, 297
isolated synchrondosis with scaphoid, **67A**, *318
Trapezius muscle, paralysis, treatment, **67A**, *871; **68A**, 951(*correspondence*)
Trapezoidal-28 total hip replacement, **65A**, *366; **66A**, *228
Trauma(ta), **69B**, 677
see also Accidents; Burns; Fractures; Injuries; Wounds; *see also under structures involved*
advances in orthopaedic surgery 1954-1987, **69A**, 1270
assessment of management in Wellington region (New Zealand), **67B**, 679
centres, in India, **67B**, *841
deep-vein thrombosis in children following, **65A**, *839
development of tuberculosis after, **69B**, 157
management, assessment in Wellington region, **69B**, 166
Travelling Fellowships, *see* ABC Travelling Fellowships
Trendelenburg test
after differing approaches to hip joint, **67B**, 498
in assessment of hip abductor function, **65B**, 665
in subluxating hip, **69B**, 491
significance of, **67B**, *741
standard method of performance, **67B**, *741
Tricalcium phosphate, in bone replacement, **66B**, *269
Triceps
avulsion of origin, compartment syndrome complicating, **69A**, *1445
contracture, caused by injections, **67B**, *94
tendon, lesions, repair, **69B**, *115(*brief report*)
Tricho-rhino-phalangeal syndrome, **68B**, *311
Tricyclic drugs, in treatment of pain, **67A**, *338(*current concepts review*)
Triplane fracture, *see under* Tibia, fractures of distal epiphysis
Triple arthrodesis, Lambrinudi, for correction of severe rigid drop-foot, **66B**, *66
Triple nerve palsy, surgical reconstruction of hand with, **66B**, *260
Triquetral bone, fractures, **66B**, 405
Triradiate cartilage, *see under* Acetabulum
Triscaphoid arthrodesis, for rotatory subluxation of scaphoid, **68A**, *345
Trochanter, greater
- osteotomy, in open reduction and internal fixation of acetabular fractures, **69A**, *711
advancement, for premature arrest of femoral capital growth plate, **67B**, *21
biplanar intracapsular osteotomy, **67B**, *736
cable-grip system, **65B**, *55
distal and lateral transfer, in Perthes' disease, **66A**, 965(*current concepts review*)
fractures, *see* Femur, fractures, trochanteric
new hip arthroplasty technique, **66B**, *331
non-union following Charnley total hip replacement, **66B**, *180
osteotomy
- effects on abductor power, **66B**, *180
- for exposure of hip, **68B**, *382
- in osteoarthritis of hip, **66A**, *878
- in total hip replacement
- - trans-trochanteric approach, **68B**, 503
- - U-bolt fixation, **66B**, 446
overgrowth in coxa plana, **66A**, *873
pain syndrome, **67B**, *762
re-attachment of, **65B**, *55
- after hip replacement, **67B**, *736
- in revision of total hip arthroplasty, **69B**, *352
- with trochanter cable grip, complications, **68B**, 502
transfer to femoral head in treatment of avascular necrosis, **69B**, 491
un-united, following total hip arthroplasty, **69B**, *352
Trochanter, lesser, isolated fracture as initial manifestation of metastatic malignant disease, **66A**, *770
Trunk, standardised asymmetry scores, **65B**, *452
Tuberculosis
bone and joint, survey of notifications in England and Wales, **66B**, *326
development after trauma, **69B**, 157
extra-osseous extradural, **66B**, *239
healed, anterior spinal cord decompression in kyphosis, **66B**, 455
in India, **67B**, 840
of atlanto-axial joint, in adults, **69B**, *183
of elbow, presenting as chronic bursitis of olecranon, **67A**, *1127
of hip
- amniotic arthroplasty for, **68B**, *68
- treatment, total hip arthroplasty, **69A**, *718
of neural arch, **66B**, *239
of spine
- *see also* Pott's paraplegia
- atypical, **66B**, *239
- in adults, **67A**, *1405
- late onset, recovery after anterior decompression, **68B**, 676
- lower cervical (C2 to C7), **66B**, *1
- management, **66B**, 456

* Indicates full article or appreciable part

Tuberculosis
of spine (*continued*):
– prediction of gibbus angle, **69A**, *503
– treatment
– – anterior vascular rib pedicle graft and posterior fusion and instrumentation, **69B**, 684
– – controlled trials in children on standard chemotherapy, **67B**, *103
– – rib pedicle graft and posterior fusion and instrumentaion, **69B**, 684
– – short-course chemotherapy, **68B**, 158
– upper, **65B**, *47
reactivation of infection following total joint replacement, **65A**, *1015
Tumours
see also Malignancy; *see also* specific terms and under tissues and structures involved
amputations for, survival after, **65B**, 519
bone
– *see also* Bone cysts
– giant cell, *see* Osteoclastoma
– grading by analysis of nuclear DNA content using flow cytometry, **67A**, *404
– malignant, local recurrence following resection and prosthetic replacement, **69B**, 492
– malignant fibrous histiocytoma, *see* Histiocytoma, malignant fibrous, of bone
– uncommon, **67B**, 509
carcinoma, *see* Carcinoma
cysts, *see* Bone cysts
desmoid, extra-abdominal, **66A**, *1369
extradural secondary, laminectomy for, **66B**, 298
giant-cell, *see* Giant-cell tumours
hypophosphataemic osteomalacia secondary to, **68A**, *129
– adult-onset, **68A**, *134
lymphoma, Burkitt's, in appendicular skeleton, **65B**, *464
malignant
– associated with metallic implants, **69B**, *470
– epidural compression by, vertebral body resection for, **67A**, *375
myxoma, soft-tissue, in Albright's syndrome, with hypophosphataemic osteomalacia, **65B**, *621
osteosarcoma, *see* Osteosarcoma
sarcoma, *see* Sarcoma
secondary, spinal stabilisation in, **65B**, 224
soft tissue, *see* Soft tissue tumours
sternomastoid, efficacy of manipulative treatment, **69B**, *473
Turco procedure for club foot, **69B**, *832
Turner's syndrome, *see also* Noonan's syndrome
Twins, identical, annular constriction bands in, **66A**, *450
desmoid, extra-abdominal, **66A**, *1369
Two-point discrimination test, **68B**, 15

U

Ulcers
of foot
– neuropathic, **67B**, *438
– plantar, aetiology, treatment and prevention, **68B**, 844
of leg, controlled trial of topical nutrition for, **68B**, 839
Ulna
bone repair induced by bone morphogenetic protein, experimental study, **68B**, *635
congenital deficiency, carpal deviation in, **66A**, *1003
coronoid process, fracture, requiring open reduction with internal fixation, **66A**, *1304
distal
– excision
– – causing ulnar impingement syndrome, **67B**, *126
– – in treatment of rheumatoid arthritis, **69B**, *203
entrapment of flexor digitorum profundus in, with fracture of both bones of forearm, **68A**, *1102
epiphysis, distal, irreducible fracture-separation, **67A**, *1130
fracture-separation, of distal epiphysis, **67A**, *1130
fractures
– *see also* Forearm fractures
– isolated, of shaft, treatment without immobilisation, **65A**, *339
– Monteggia fracture-dislocation, *see* Monteggia fracture-dislocation
– of distal end of, treatment, **66B**, *408
– treatment, tension-band wiring, **68A**, 951(*correspondence*)
head of, Swanson replacement, **69B**, 501
lengthening, in patients with hereditary multiple exostoses, **68B**, *561
olecranon
– bursitis, tuberculous, **67A**, *1127
– fractures
– – fixation methods, **67B**, *367
– – treatment, tension-band wiring, complications, **67A**, *1396
– overhead traction in management of humeral fractures, **68B**, 676
Ulna (*continued*):
osteotomy
– for missed Monteggia fracture, **68B**, 336
– in treatment of radial head dislocation, **69B**, *639
palmar replacement of distal end of, in rheumatoid arthritis, **68A**, *1280
pseudarthrosis
– bilateral congenital' **69B**, *460
– osteoarthritis of elbow complicating, **68B**, *574
refracture after plate removal, **66A**, *1241
shortened
– causing ulnar impingement syndrome, **67B**, *126
– surgical lengthening, **68B**, *561
skeletal traction, in treatment of elbow injuries, **66B**, 142
surgical lengthening, in management of forearm deformities in multiple hereditary osteochondromas, **66A**, *670
synostosis with radius, congenital proximal, **67A**, *539
variance, **69A**, 385
– in carpal instability, **69B**, 501
Ulnar collateral ligament, reconstruction in athletes, **68A**, *1158; **69A**, 953(*correspondence*)
Ulnar impingement syndrome, **67B**, *126; **68B**, 158
Ulnar nerve
electromyography, **68B**, 13
– contribution to management, **68B**, 14
– diagnostic problems, **68B**, 13
– surgery and its complications, **68B**, 14
grafting, role of vascularisation in brachial plexus lesions, **67B**, 494
involvement in intra-articular entrapment of medial humeral epicondyle, **66B**, *562
motor branch, isolated injury, **66B**, 297
palsy
– due to hypoplasia of trochlea of humerus, **67A**, *151
– postoperative, **69A**, *255, 951(*correspondence*)
paralysis in Hansen's disease, **66B**, *260
repair in distal part of forearm, anatomical basis, **68A**, *273
subclinical neuropathy, **69A**, *255, 951(*correspondence*)
suturing, use of operating microscope, **69B**, *625
transposition, for neuropathy at elbow, **67B**, 329
Ultra-clean air, **65B**, 375(*annotation*); **69B**, 518(*annotation*)
Ultra-clean operating environment, **66B**, 645
Ultrasound
effect on repair of rabbit tibial osteotomy, **69B**, 494
failure in investigation of sciatica, **65B**, *144
in assessment of femoral anteversion, **69B**, *268
in demonstration of rotator cuff defects, **69B**, 498
in demonstration of spinal shape, **68B**, 679
in evaluation of rotator cuff and biceps tendon, **68A**, *440, 950(*correspondence*)
in examination for congenital dislocation of hip, **67B**, 487
in investigation of haemophilia, **69B**, *103
in investigation of synovitis of hip, **69B**, *254
in measurement of bone mineral content, **66B**, 287
in measurement of femoral anteversion, **65B**, 93
– in Perthes' disease, **68B**, 496
in measurement of spinal curvature, **67B**, 320
in screening and management of hip displacement, **69B**, 490
in screening for malignant soft-tissue tumours, **69A**, *100
in screening of newborn hip maturation disturbance, **69B**, 490
in study of suction drain size and incidence of postoperative wound haematoma, **69B**, 497
in study of wound haematoma after hip surgery, **68B**, 497
real-time
– in diagnosis of congenital dislocation and dysplasia of hip, **67B**, *406
– of infant hip, **67B**, 149
stimulation of bone repair by, **65B**, 659
Uncus, origin in cervical spine, **67A**, *788
Unit Rod, in segmental instrumentation of spine, **68B**, 853
University of, *see inverted form of name*
Upper limb, *see* Limb, upper
Ureter, perforation, after hip replacement, **69A**, *620, 1304(*correspondence*)
Urine, retention, after total hip arthroplasty, **68A**, *1435
Urokinase, efficacy of, in ischaemic replanted extremities in rats, **69A**, *442

V

VATER association
orthopaedic aspects, **68A**, *424
spinal anomalies, **68B**, 333
Valgus deformities
see also under Ankle; Club foot
treatment, varus osteotomy, **67A**, *1139(*current concepts review*)
with osteoarthritis of knee, treatment, proximal tibial varus osteotomy, **69A**, *32
Van Nes rotation-plasty, **65B**, 529(*editorial*), *569
functional performance after, **67A**, *392
in treatment of femoral focal deficiency, **69A**, *837

Vancomycin, in treatment of childhood skeletal infections, **66A**, *1490 (*current concepts review*)
Varus deformity, treatment, proximal tibial osteotomy, **69A**, *332
Varus derotation osteotomy, residual shortening after, **66B**, *184
Vascular, *see also* Arteries; Nerves
Vascular bone grafts, *see under* Bone grafting
Vascular disorders
see also Compartment syndromes
of lower limb
– amputation for
– – Doppler-determined segmental pressures, **65A**, *363
– – transcutaneous oxygen levels and stump healing, **66B**, 290
– – wound-healing, **65A**, *363
Vascular injuries
associated with low-velocity knee dislocation, **69B**, *285
complicating total hip arthroplasty, **67B**, *533
from intrapelvic migration of threaded pin, **67A**, *804
Vascular surgery, *see also* Embolisation, therapeutic
Vascularised bone grafts, *see under* Bone grafting
Vasospasm, intravenous regional guanethidine and reserpine for, effects of injection, **65A**, *808
Vastus intermedius, excision of, functional performance after, **65A**, *856
Vastus lateralis
excision of, functional performance after, **65A**, *856
in recurrent dislocation of patellae, histochemical and electrophysiological changes, **69B**, 496
tendon, junction with patella, anatomy, **69A**, *545
VDS Zielke procedure for scoliosis, **69B**, 853
Vector stereography, in idiopathic scoliosis, **66B**, 289
Vein(s)
see also Venous; *and under specific veins*
thrombosis, *see* Venous thrombosis
Velban, as treatment for disseminated eosinophilic granuloma of bone, **66A**, *1128
Venography, intra-osseous, in assessment of fracture healing and non-union, **65B**, 658
Venous, *see also* Veins
Venous blood flow, obstruction of, following total hip replacement, **69B**, 498
Venous foot pump, **68B**, 667
Venous thrombosis
see also Thromboembolic disease
deep
– detection, impedance plethysmography for, **69B**, *264
– incidence and prevention, **67B**, 675
– following Harrington spinal instrumentation, **67A**, *1273
– following trauma in children, **65A**, *839
effect of pneumatic tourniquet on incidence of, **65B**, *336
following total knee replacement, **66A**, *194
– indications for treatment, **66A**, *202, 1144(*correspondence*)
heparin-associated, with thrombocytopenia, **67A**, *1123
produced by local injection of fat (in dogs), **65B**, *340
Vertebra(e)
see also Atlas vertebra; Axis vertebra; Spine; Spinal; Vertebral bodies
cervical, second, bilateral fracture of pedicle in young child, **68A**, *892
growth, **69B**, *691
malakoplakia, **69A**, *458
Vertebra plana
eosinophilic granuloma of spine and, **66B**, 780
long-term follow-up, **66A**, *1364
Vertebral artery, tortuosity of, adventitious finding after cervical trauma, **67A**, *806
Vertebral biopsy, closed, **65B**, *140; **69B**, 680
Vertebral bodies
see also Vertebrae
atraumatic fracture in menopausal women, **69A**, *212, 952(*correspondence*)
compressive fracture, prediction using computed tomography, **67A**, *1206
height and width, **68B**, *724
lumbar, bilateral stress fracture in ballet dancer, **69A**, *140
resection, for epidural compression by malignant tumours, **67A**, *375
Vertebral column, *see* Spine
Vertebral failure, risk in menopausal women, **69A**, *212, 952(*correspondence*)
Vertebrotomy, in excision of prolapsed intervertebral disc, **66B**, 518
Vesico-acetabular fistula, **69B**, *150(*brief report*)
Vibration arthrography, in diagnosis of knee disease, **69B**, *288
Vibration(s)
arthrography, **67B**, 844
diagnostic, **65B**, 222
spinal column, in vivo measurements, **68A**, *695
Video-fluoroscopy, **65B**, 365
Villonodular synovitis
pigmented, **66A**, *76; **69A**, *942(*current concepts review*)
– epidemiology, **69A**, *943(*current concepts review*)
– of knee, torsion of, **67B**, *564
– pathogenesis, **69A**, *942(*current concepts review*)
Villonodular synovitis
pigmented (*continued*):
– pathological findings, **69A**, *945(*current concepts review*)
– radiographic findings, **69A**, *944(*current concepts review*)
– symptoms, **69A**, *943(*current concepts review*)
– treatment, **69A**, *946(*current concepts review*)
Vinblastine sulphate, *see* Velban
Vitallium, forged, fracture failure of prosthesis, **65A**, 711(*correspondence*)
Vitamin D
see also Osteomalacia
25-hydroxy
– *see also* Dihydroxycholecalciferol
– levels in institutionalised groups, **65B**, 92
– role in bone formation, **65B**, 92
deficiency
– and osteomalacia in patients with femoral neck fracture, **65B**, 90
– hypocalcaemic convulsion in, bilateral fracture of femoral neck during, **67B**, *536
derivatives, antibodies against, **65B**, 91
effects of metabolites on osteoblast-like cells *in vitro*, **66B**, 288
in treatment of osteopenia and bone quality defect, **66B**, 288
levels of active metabolites in callus of fracture repair in chicks, **69B**, *132
Vitamin K_1, interference with cycle in fracture healing, **65B**, 365
Volar plate arthroplasty, **65B**, 667
Volkmann's ischaemia, *see also* Compartment syndromes
Volleyball players, suprascapular neuropathy, **69A**, *260
Volz wrist prosthesis, modified, **69A**, *998
von Recklinghausen's disease of bone, *see* Hyperparathyroidism
von Recklinghausen's disease of nervous system, *see* Neurofibromatosis
von Rosen splint, for congenital hip dislocation, **69B**, *257

W

Wadsworth surface replacement elbow prosthesis, **66B**, *737
Wagner distraction apparatus
in lengthening of femur, knee subluxation complicating, **67B**, *33
in lengthening of humerus, with free vascularised fibular graft, **65A**, *111
in lengthening of lower limb, **66B**, 149; **68B**, 668
– complications, **66B**, 149
Wagner external skeletal-fixation system, in treatment of femoral shaft fractures, **66A**, *360
Wagner leg-lengthening, **69B**, 682
Wagner surface hip arthroplasty, implant failure, **67A**, *1165
Wake-up test, to monitor spinal cord function, **66B**, *716
Wallace, W. Angus, appointment to Chair of Orthopaedic and Accident Surgery, University of Nottingham, **67B**, 681
Warfarin, after total hip replacement, comparison with aspirin, **65A**, 567(*correspondence*)
Watson-Jones tenodesis, for ankle instability, **66B**, *371
Weber's rotation osteotomy of humerus, **66B**, 448
Weight-lifting, causing compartment syndrome in forearm, **65A**, *406
Westminster cruciometer, for measurement of anterior cruciate instability, **69B**, 159
Whiplash injuries, **65B**, *608
and litigation, **68B**, 675
Wilmington brace, in treatment of idiopathic scoliosis, **68A**, *602
Wilson, John C. Jr., **66A**, 1496(*obituary*)
Wilson osteotomy
compared with chevron osteotomy, **67B**, 671
compared with Hohmann procedure, **69B**, 678
for hallux valgus, **68B**, 679
Winchester syndrome, **67B**, 90
Wiring
Kirschner, *see* Kirschner wires
Lister's method, **66B**, 164
sublaminar
– in treatment of scoliosis, **69B**, 853
– producing spinal stenosis, **69B**, 853
Wolf osteotomy, for metatarsalgia, **67B**, 326
Wood, Hubert Lyon-Campbell, **65B**, 87(*obituary*)
Woodward procedure, for undescended scapula, **65B**, *599; **66B**, 302
Wound(s)
see also Accidents; Burns; Fractures; Injuries; Trauma; *see also under structures involved*
bony lacerations due to assault, **66B**, *89
bullet, *see* Injuries, gunshot
haematoma after hip surgery, ultrasound study, **68B**, 497
healing, after amputation, importance of nutritional status in prediction of, **66A**, *71
infection of, prevention by sterile micro-environment, **67B**, 153
postoperative haematoma, incidence of, and size of suction drains, **69B**, 497
Wrightington grafting, for protrusio acetabuli during total hip replacement, **69B**, *229

* Indicates full article or appreciable part

Wrist, **66B**, *396(*review article*)
see also Capitolunate joint; Carpal bones; Carpometacarpal joints; Hammate Bone; Lunate bone; Radio-ulnar joint; Scaphoid bone; Trapeziometacarpal joint; Trapezium; Triquetral bone
anatomy, **66B**, *396
arthritis, septic, **65A**, *824
arthrodesis, **66B**, *401; **68B**, 856
– compression, **66B**, 296
– in treatment of giant-cell tumours of distal radius, **68A**, *687
arthrography, **66A**, *371, 1145(*correspondence*)
– in diagnosis, **69B**, 163
arthroplasty, **66B**, 402
– total replacement, modified Volz prosthesis, **69A**, *998
carpal deviation in congenital ulnar deficiency, **66A**, *1003
carpal instability, **66B**, *398
central column, **66B**, 397
coalition of carpal bones, with tarsal coalition and symphalangism of Fuhrmann type, **67A**, **67A**, *884
crush injuries, **67B**, *286
deformities
– congenital postural, **68B**, *478
– rheumatoid, surgical correction, **66B**, 452
dislocations, **66B**, *402
– late reduction, **69B**, *734
dynamic pinning in Colles' fractures, **66B**, 148
extensor tendon rupture, **66B**, 453
fibrocartilage, triangular, **66B**, 406
first extensor compartment, anatomical variations in, **68A**, *923
flexion test in diagnosis of carpal tunnel syndrome, **68A**, *735
fracture-dislocations, percutaneous surgery, **66B**, 778
fractures, prevalence, **68B**, 507
infections, with *Mycobacterium marinum*, conservative treatment, **69A**, *1161
instability, **65B**, 98
– ulnar variance in, **69B**, 501
laceration by glass causing delayed median nerve injury, **67B**, *382
lateral column, **66B**, 397
leiomyosarcoma, **68A**, *139
lesion, Hodgkin's disease presenting as, **69A**, *1246
loss of soft tissue and bone, management, delayed primary closure, free vascularised osteocutaneous transplants for, **67A**, *958
medial column, **66B**, 397

Wrist (*continued*):
motion after simulated limited intercarpal arthrodeses, **69A**, *1413
pain, radiocarpal arthroscopy and arthography in diagnosis of, **69B**, 501
pigmented villonodular synovitis, **66A**, 92
post-traumatic palmar carpal subluxation, **65A**, *998
triscaphoid arthrodesis, for rotatory subluxation of scaphoid, **68A**, *345
ulnar part, post-traumatic pain, **68B**, 507
Wrist-powered hand prosthesis, **66B**, *742

X

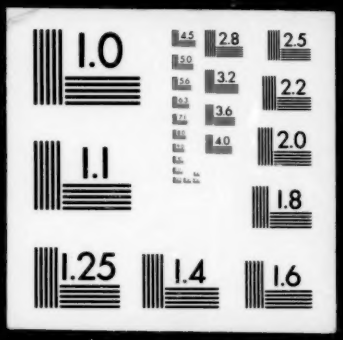
X-ray densitometry, *see under* Radiography
X-ray diagnosis, *see under* Radiography
Xenografts, bovine, in knee instability, **66B**, 282
Xenon-133, clearance technique, in study of intramuscular pressure and muscle blood flow in compartment syndrome, **69B**, *301

Y

"Y" external fixateurs, **65B**, 97
Yasuda, Iwao, **66A**, 311(*obituary*)
Yttrium-90, for joint protection in haemophilia, **66B**, 457

Z

Zickel nailing
closed technique, in prophylactic femoral stabilisation, **68A**, *991
for subtrochanteric fracture of femur, **69A**, *1032
for supracondylar fractures, **69B**, 681
iatrogenic subtrochanteric fracture complicating, **68A**, *1237
in multiple osteotomies for polyostotic fibrous dysplasia, **69A**, *691
Zickel supracondylar device, in treatment of fractures of distal end of femur, **65A**, *491
Zielke operation for scoliosis, **66B**, 284; **69B**, 853
correction of double curve pattern after, **69B**, 854
Zinc deficiency, effect on fracture healing, **66B**, 287


1.0
4.5
2.8
2.5
5.0
3.2
2.2
5.6
3.6
2.0
4.0
1.1
1.8
1.25
1.4
1.6